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Oil, Paint and Drug Reporter

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White Lead 'Trust' Charged by F.T.C.

OPD Washington Bureau

A complaint alleging a conspiracy to promote and maintain monopolistic and noncompetitive prices and conditions in connection with the interstate sale of white lead has been issued by the Federal Trade Commission against the National Lead Company, the Anaconda Copper Mining Company and its subsidiary, International Smelting & Refining Company, all of New York; the Eagle-Picher Lead Company and its subsidiary, the Eagle-Picher Sales Company, both of Cincinnati; and the Sherwin-Williams Company and the Glidden Company, both of Cleveland.

The hearing will be held in the offices of the Federal Trade Commission Office, 45 Broadway, New York, December 29.

National Lead Company and the other corporations named in the complaint account for from 85 to 95 percent of all the white lead produced and sold in the United States, with National Lead producing 60 to 65 percent, Eagle-Picher 15 percent, and the other respondents 10 percent of the total. The complaint charges that the producing respondents in the aggregate, as a practical matter, constitute the source from which purchasers and users of white lead must buy their requirements, while the production and distribution of pig lead, from which white lead is made, also is concentrated in the hands of a few corporations, including National Lead and Eagle-Picher.

Count I of the complaint alleges that, in violation of the Federal trade commission act, National Lead has monopolized the interstate sale of white lead, has acted unlawfully to secure a monopolistic control over prices and has combined and conspired with the other respondents to hinder and lessen price competition.

In count II of the complaint it is alleged that the respondents, in violation of the Robinson-Patman act, have discriminated in price by systematically selling white lead to many purchasers at a price higher than that at which white lead of like grade and quality is sold to other purchasers.

Quinine Synthesis Discussion Dec. 8

Dr. Robert B. Woodward of Harvard University, who with Dr. William E. Doering of Columbia synthesized quinine, will address the New York section of the American Chemical Society, December 8, at a meeting to be held at the School of Education Auditorium of Washington Square College, New York University, 15 West Fourth street. Dr. Woodward's subject will be "The Total Synthesis of Quinine." Dr. Beverly L. Clarke, chairman of the Section, will preside. A dinner will precede the meeting.

The achievement of Dr. Woodward and Dr. Doering in duplicating the chemical architecture of the quinine molecule, making possible artificial production of this antimalarial, and culminating almost a century of experimentation by scientists, was announced by the Polaroid Corporation in May of this year.

Amer. Cyanamid Forms Company with Texas Co.

Formation of the Jefferson Chemical Company, jointly owned by the Texas Company and the American Cyanamid Company, to engage in the manufacture and sale of chemicals from petroleum, has been announced Headquarters will be located at 30 Rockefeller Plaza, New York 20, N. Y.

Directors of the new company are W. S. S. Rodgers, W. B. Bell, Harry T. Klein, H. L. Derby, M. Halpern, K F. Cooper, R. J. Dearborn, M. C. Whitaker, W. M. Stratford, R. C. Gaugler, W. E. Kuhn and L. C. Perkinson.

W. B. Bell will be chairman, W. S. S. Rodgers, vice chairman, and H. L. Derby, president.

OPA Plans Action Against Black Market

Daniel P. Woolley, Regional II Director for Office of Price Administration, has announced that court injunctions which the OPA obtains against violators and black market operators in all industries will be followed by criminal contempt proceedings if the injunctions are disobeyed.

Imports Study Asked In Senate Resolution

OPD Washington Bureau

A resolution directing the Tariff Commission to make a study of past and future imports of dutiable items which, in 1939, had a value of over $100,000, was introduced in the senate November 29 by Senator Owen Brewster of Maine. Purpose of the inquiry would be to provide the congress with all necessary information on trade in contemplation of conferences between the United States and other nations on matters affecting foreign trade.

The resolution (S. Res. 341) directs the commission to examine each dutiable item valued at $100,000 or more in 1939 and report the quantity and value of United States production in 1939 and the ratio of imports to domestic consumption in that year; also the probable long-term annual imports in quantity and value for each of these products in the postwar period if the figures in effect on July 1, 1939, remained unchanged, reduced by 50 percent, or increased by 50 percent. The estimates would be based on two assumptions:—first, that national income in the postwar period

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Fertilizer Scheme of Sen. Hill Lacks Administration Favor

OPD Washington Bureau

The Hill bill (S. 2035), proposing that the Tennessee Valley Authority formulate a national fertilizer policy and program that would more or less put the agency in direct competition with private industry, has been rejected by the administration, it was disclosed November 29.

In a letter to the senate committee on agriculture, it was revealed by Secretary of Agriculture Claude R. Wickard that the feelings of the White House in this matter are that, if such a policy is to be framed, it should be done by the Department of Agriculture and carried forward through a program much more limited in scope than that proposed in the legislation.

The Hill bill, introduced last June by Senator Lister Hill of Alabama and having as one of its principal objectives the construction of the fertilizer plant at Mobile which has been held up on WPB orders since the start of the war, has been the subject of much consideration in agricultural circles. It is viewed by the fertilizer industry as one of the most formidable threats to its continued functioning on a normal basis that has been directed at it in years.

Experience Lacking

Secretary Wickard's views as expressed in the letter and sent to the committee with the permission of the Bureau of the Budget—which comes under the wing of the White House and thus is regarded as reflecting the opinions of the President—can be summed up as follows:—

1. That TVA has not had enough experience in the problems of fertilizer and the farmers to be in position to formulate a national policy or carry one out.
2. That Congress should not give the "go" signal for construction of the Mobile plant until after a national policy has been established, because it might be found that the plant would be in disagreement with the policy and program.
3. That Congress should give most serious consideration to the suggestion that the government be given unlimited authority to buy or lease the Florida phosphate reserves because such action might upset the operations of private industry in that area.
4. That it is unnecessary to carry on a program of demonstrating the value of phosphates as a fertilizer in the Southeastern area of the country because the farmers in that area are entirely familiar with it. If such demonstrations are to be made it would be desirable that they be carried on in the Rocky Mountain area.

Wickard Analyzes Idea

Secretary Wickard said, with respect to the provisions of the bill which would have the government establish plants for the utilization of the Western phosphate and potash deposits, that he thought it would be desir-

—Continued on page 70

Army Permits Premiums To Small Suppliers

OPD Washington Bureau

A new revision of its procurement regulations, revision No. 43, containing an up-to-date reprint of procurement regulation No. 7 and numerous changes in other regulations concerning the letting of contracts and disposition of property, has been issued by the War Department.

Among the more important changes included in the latest revision are instructions to procurement offices to discontinue further use of standard procurement forms 1 and 2 and substitute new forms known as standard procurement forms 3 and 4 for the procurement of supplies. These new forms, although they still call for much detailed information from contractors on costs, are considered less burdensome for contractors than those being discontinued.

The department has left it pretty much up to the discretion of the procurement officers as to how much of the detailed information is desired. Arrangements can be made between the contractor and the procurement officer whereby some of the information can be submitted periodically and not necessarily be filed each time

—Continued on page 62

P.-A's-Eye View of Business

Composite opinion, November 30, of purchasing agents composing the business survey committee of the National Association of Purchasing Agents

Reports from purchasing agents throughout the United States and Canada reflect very slight changes in the general business picture as compared with a month ago. The large majority report conditions about the same; where a change is noted, it is on the side of better business.

Cutbacks and terminations are having little effect so far. In the smaller types of business, contracts appear to be running out rather than terminating by cancellation. Reconversion also seems to be having little if any effect to date on the overall picture. Generally speaking, purchasing agents seem to have little fear of reconversion's effects on business. True, some decline is expected during the period of broad reconversions, but the duration of this period is expected to be brief.

A very definite upward trend of business on the West coast is indicated, due to the Pacific war stepup.

In the Middle West it is indicated that war orders are falling off in some large industries, and that limitations have not yet permitted the slack to be taken up. General business conditions there are reported somewhat worse than a month ago.

Commodity Prices

While reports indicate a rather firm situation as far as commodity prices are concerned, buyers generally report little change has taken place. The opinion holds that the general trend is up, and that, if OPA restrictions were removed, there would be an advance in most products.

Changes, if any, seem to be largely local. Scrap steel prices generally are still reported lower, although in one section scrap steel prices have rebounded to near ceiling prices. While prices are generally firm, aluminum, brass mill products, and fuel oil are indicated as vulnerable. Sulphonated oil is reported lower in large lots. Due to the Argentine situation, look for higher prices on quebracho extract, used in the tanning industry. Bunker C fuel oil may be cheaper. Look for basic strength for steel industry supplies. Corrugated carton producers appear to be seeking business, and offers at slightly lower prices are being made. The price picture on some commodities is distorted by subsidies and premium payments. Some are too low, while others are too high.

In Canada, prices not under ceiling control show some advances. These e **naturally restrained by the** possibility of the extension of controls by the WPT board. In general, however, prices in Canada appear firmly controlled.

Buyers in the United States are becoming more conscious of OPA ceiling prices from the standpoint of their be- **maximums, and the tendency** is toward some lower-than-ceiling prices. With more salesmen calling, buyers are becoming price conscious and are endeavoring to improve their buying position **pricewise.**

Specific Commodity Changes

There seems little change in the last month as far as specific commodities are concerned. Offers which have been made on surplus stocks tend to create the impression that sooner or later general prices will be affected, but for the time being there have been no serious changes.

There is a continuing tendency for some materials which have been extremely scarce to become less difficult of procurement. Hardwood lumber is a typical example.

Warehouse stocks of hot and cold rolled carbon steel are reported improving right along. Cotton goods are more difficult to secure and are in lesser supply due to the government's directing looms to be diverted for other fabrics. Copper and brass are reported easier. Linseed oil and corn products are tighter. Malleable, grey iron and brass casting orders are reported now acceptable only at prices in effect at the time of shipment. Higher prices for C.I. pipe, in the first quarter of 1945, are reported. Cotton twine is available only on long-term deliveries.

The West coast reports general machinery and supply stocks are badly

—Continued on page 44

Chemical Consultants To Discuss Murray Bill

The Murray bill (S. 1913), a congressional measure directed to postwar assistance for small business, will be the nucleus of a discussion of government-business relations by the Association of Consulting Chemists and Chemical Engineers December 12. The association will meet for that purpose in the quarters of the Electrical Testing Laboratories, 2 East End avenue, New York, assembling for a preceding dinner at 6:00 p.m.

The meeting will be open to all members, and full participation from the floor is urged. Guests will be limited to citizens of the United States.

S.O.C.M.A. to Hear Dr. Taylor December 7

Dr. Amos Taylor, director of the Bureau of Foreign and Domestic Commerce, will be the guest speaker at the annual dinner of the Synthetic Organic Chemical Manufacturers Association, to be held in the Biltmore hotel, New York, December 7. Reservations are in charge of C. A. Mace, secretary of the association, 6 East Forty-fifth street, New York.

OPD Price Index

The Oil, Paint and Drug Reporter's relative record of prices for chemicals and related materials is currently as follows:—

Dec. 1, 1944	Nov. 24, 1944	Dec. 3, 1943
132.6	133.1	137.7

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price views were predominantly weaker last week in the markets for chemicals, oils, and drugs—all in the sections deriving from the vegetable kingdom. There was a small show of strength in red oil. The general average was depressed to a new three-year low.

Buying was still further constricted; because, where there might be some inclination to push civilian production, it was not easy to find manpower for such operating, even though there was a reluctance about migrating to an area of war-production needs. The overhanging threat of conscription for a fighting job has a peculiar effect on those pinched out of essential employment.

Bids Wanted

Baking Powder:—267,120 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-299, opening December 6.

Chemicals:—Assistant Chief, Service Office, Federal Works Agency, Public Buildings Administration, Office of Buildings Management, Washington (25); invitation 1590-12-11MH, opening December 11.

Shortening:—1,275,000 pounds, Contract Development Section, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); Announcement Awd-308, opening December 11.

Soap, Scouring:—1,200 pounds, Assistant Chief, Service Office, Federal Works Agency, Public Buildings Administration, Office of Buildings Management, Washington (25); invitation 1568-12-lm, opening December 6.

Soap, Toilet:—437,500 pounds, Contract Development Section, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-301, opening December 8.

Sodium Chloride:—80,000 pounds, Supply Officer, Veterans Administration, Murfreesboro, Tenn.; invitation 45-115, opening December 5.

Solvent, Dry Cleaning:—8,000 gallons, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7615, opening December 7.

Stearic Acid:—150,000 pounds, Contract Development Section, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-236, opening December 8.

Sweeping Compound:—10 50-pound bags, Assistant Chief, Service Office, Federal Works Agency, Public Buildings Administration, Office of Buildings Management, Washington (25); invitation 1516-12-6-CF, opening December 6.

Vaccines, Antitoxins and Toxoids:—Office of the Commissioner of Purchases and Supplies, City Hall, Cleveland; ordnance No. 1180-44, opening December 8.

Color Finishes for Metal Equipment Broadened

A variety of color finishes on metalworking equipment, such as ammunition and cartridge case machinery, lathes, planers; bolt, nut, rivet and screw machinery, and machines for drilling, forging, gear cutting, sawing, etc., will be permitted after November 29, by an amendment to the War Production Board's Limitation Order L-108, the Tools Division of WPB has announced. Since May 1, 1942, order L-108 has restricted the color of metalworking equipment to "old machine-tool gray" for final paint, enamel or lacquer coatings, notwithstanding customers' requests for other colors, The Tools Division said.

Crosby Naval Stores Buys Plant Site

The Crosby Naval Stores, Inc., has purchased a plant site of 340 acres at DeRidder, which is situated in a triangle with the Santa Fe Railway on the North, the Kansas City Southern on the West, and the Southern Pacific on the East. In addition to the plant site, the company has purchased 100,928 acres of land with stumps on the land in Vernon and Beauregard parishes, and also purchased stump rights on 270,349 acres in Western Louisiana. Plans are now being drawn up for construction of a 685-ton plant immediately following the end of hostilities in Europe.

Westvaco Sales Head

J. C. Thom has been appointed manager of sales of Westvaco Chlorine Products Corporation, New York, according to Louis Neuberg, vice-president. Since August, 1943, Mr. Thom has been Westvaco's acting manager of sales, succeeding the late J. Rivers Adams.

Isonipecaine Taxable Under Narcotic Law

OPD Washington Bureau

Regulations under the Harrison narcotic law relating to the payment of taxes on narcotics were amended November 25 to include isonipecaine within the scope of the regulations and to show its proper relationship to the other narcotics covered by the regulation. The places where insertion of the new drug, which has just been brought under control by an act of congress, are made in the regulations are in articles 2, having to do with definitions, 59 relating to identification numbers, and 180 relating to returned goods, all under section 151 of Title 26.

Article 43 of section 151 also was amended by the bureau to tighten control over the registration of persons who move from one State to another. It is now required that when a taxpayer removes his business from the state in which he has been registered to another state, the collector in the state where the taxpayer is newly located shall make in investigation of the qualifications of the taxpayer to deal in narcotic drugs just as in the case of a new registrant.

Small War Plants Capital Increase Asked

Legislation increasing the capital of the Smaller War Plants Corporation to $350,000,000 was reported to the house November 27 by the house banking and currency committee. The bill (S. 2004) already has been passed by the senate.

At the present time the capital of the corporation is fixed at $150,000,000 and the bill would increase this by $200,000,000. SWPC officials told the committee that they have only $19,000,000 of unencumbered cash available for lending which is less than the amount of applications for financial assistance received from small businesses during November.

Of the $200,000,000 increase in capital to be provided, officials estimate that $144,000,000 will be loaned or used for lease transactions in direct relation to war production.

Alcohol Distillers May Use Corn

Telegraphic notices have been sent to distillers of industrial alcohol by the War Food Administration, authorizing the use of sample grade and 5 grade corn for the production of alcohol. The permission begins immediately.

No decision on whether distillers will be permitted to use corn in the production of alcoholic beverages during the liquor holiday in January has yet been reached.

Medical Care Planning Urged by Conference

More data on public sentiment on medical care were reported from its survey for the National Physicians Committee by the Opinions Research Corporation at the profession-industry conference sponsored by the committee November 27 in New York. Data were reported also on the attitude of employers and employees toward group insurance plans comprising health services as well as death payments. One of the pictures was that, while only 5 percent of the public is concerned about the cost of ordinary illness, 63 percent believed that a means of easing the burden of heavy emergency costs was desirable and necessary. Cooperative insurance plans cover more than 3,750,000 persons. In the response relative to the sort of medical care plan preferred 37 percent favored governmental and 43 percent favored the plans offered by doctors. The other 20 percent had no opinion.

It was pointed out by John G. Searle, pharmaceutical manufacturer, Chicago, that the committee, recognizing the need for better health service and rising to that need, was named the

—Continued on page 70

OPA Forms Arsenical Advisory Group

OPD Washington Bureau

Eleven manufacturers of insecticides have been appointed to the Arsenical Insecticide Manufacturers Industry Advisory Committee, the Office of Price Administration has announced.

The new committee will discuss pricing problems affecting approximately sixteen arsenical insecticide manufacturers. The outlets for their products comprise some 250 mixers, 1,200 wholesalers, and 40,000 retailers. The industry is located principally in the Northeastern States, the North Central States and California. Following is a list of the members of the Arsenical Insecticide Manufacturers Industry Advisory Committee:—

Hallam Boyd, of the Commercial Chemical Company, Memphis, Tenn.; J. B. Cary, of the Niagara Sprayer & Chemical Company, Middleport, N. Y.; J. J. Haprov, of the Los Angeles Chemical Company, Los Angeles, Calif.; M. L. Somerville, of the Sherwin-Williams Company, Bound Brook, N. J.; D. I. Trainor, of the General Chemical Company, New York; A. J. Flebut, California Spray-Chemical Corporation, Richmond, Calif.; J. M. Fountain, Cotton Poisons, Inc., Bryan, Tex.; C. G. Melander, of the Pittsburgh Plate Glass Company, Milwaukee, Wis.; William Steinschneider, of the Ansbacher-Siegle Corporation, Brooklyn, N. Y.; B. P. Webster, of the Chipman Chemical Company, Bound Brook, N. J.; and A. B. Young, jr., of the Woolfolk Chemical Works, Ltd., Fort Valley, Georgia.

Output Readjustment Group Formed by WPB

OPD Washington Bureau

J. A. Krug, chairman of the War Production Board, has announced that a Production Readjustment Committee is being established in WPB under the Production Executive Committee to handle broad policy questions in connection with war production readjustments. The function of this committee will be to gear resources released by war production changes to the needs of critical war programs. Working under this committee will be four operating groups in WPB.

In general, the Production Readjustment Committee will develop policies designed to make certain that productive facilities and manpower released by readjustments in the war program are used in essential war production. The Production Readjustment Committee will consist of senior representatives of the same agencies currently represented on the Production Executive Committee staff, including the Army, Navy, the United States Marine Commission, the War Manpower Commission, the Smaller War Plants Corporation, and the various operating sections of the War Production Board. Chairman of the committee will be Arthur H. Bunker, WPB vice-chairman, with John H. Martin, WPB program implementation officer, as deputy chairman.

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Weizmann Research Center Planned

Establishment of the Weizmann Institute of Science and Technology with chemical research laboratories in Rehovoth, Palestine, is underway, according to an announcement in New York last week on the occasion of the observance of the seventieth birthday of Dr. Chaim Weizmann, president of the World Zionist Organization and directo rof the Daniel Sieff Institute. Dr. Weizmann is now in Jerusalem.

Americans will be sought.

Subscriptions totaling $250,000 toward the estimated $3,000,000 cost of the center, have already been collected in this country.

Steenbock Patents Again Held Invalid

The Steenbock vitamin patents held by the Wisconsin Alumni Research Foundation were again held invalid by the Ninth Federal Circuit Court of Appeals, November 24. The decision in the suit was rendered to the Vitamin Technologists, Inc., Los Angeles, Calif. The decision did not invalidate the patents on the ground of public interest, however, but mainly on the premise that the principle of improving certain food substances by exposing them to ultraviolet rays, from sun or lamp, was not a new one.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Ever since the antitrust division of the Department of Justice began its current trust-busting campaign the question has continuously popped up as to whether the legal expenses incurred by companies in defense of these suits are a deductible item for taxation purposes. These expenses run into real money sometimes, and the question becomes of increasing importance now that the division has so many suits on the fire—taxes being what they are.

The Bureau of Internal Revenue recently came forward with an answer: —whether it will be satisfactory to all concerned is another thing. It says that the legal expenses of a corporation in defense of a suit brought against it for violation of the Sherman act is an ordinary and necessary business expense and therefore a deductible item but—and here's the catch —only "to the extent that such expenses were incurred in its own behalf." The expenses of the corporation of defending its officers in the suit are not deductible.

Just how the expenses are to be divided as between those for defense of the corporation and those for defense of the individuals when they are all being tried at the same time by the same attorneys is something the bureau doesn't say. It appears that the busiest people around when the trust-busting campaign is over will be the accountants trying to figure out who owes who and what.

Machines for Latin America

To be added to the many guesses now being made at the potential market for American equipment and materials after the war, is one that comes from the Office of Co-ordinator of Inter-American Affairs. Co-ordinator Rockefeller says there will be a potential market in Latin America alone for $10,000,000,000 worth of new and used machinery within ten years after peace is restored.

Mr. Rockefeller bases his prediction on what he understands is a definite trend in South America toward industrialization of the republics. He says that economic developments in those countries have opened the way for future enlargements that promise to carry the Western Hemisphere nations into a new age when the exploitation of natural resources and industrialization of native enterprises will combine to place them in a position of even more commanding world importance.

Appeal from WPB Orders

Legislation continuing the second war powers act in effect for another year beginning December 31, unless terminated earlier by the President or concurrent resolution of the senate and house, was reported to the house for passage November 28 by the judiciary committee.

The bill (H. R. 4993) also writes an amendment in title III of the act, having to do with priorities and allocations of materials, to give violators of WPB orders an opportunity to contest the validity of any suspension orders in the United States district court in the jurisdiction where the violator's principal office is located.

Efforts made in the committee to amend the law so that suits could be brought in the district courts to test the validity of the allocation orders of WPB were defeated during consideration of the bill by a 9-to-10 vote, and court tests only of suspension orders are permitted.

France as a Market

FEA does not see much room for optimism on the prospect of trade between the United States and France being restored to anything like normalcy within six to eight months. France needs many things from us, but primarily and urgently she needs transportation and communication equipment and raw materials.

In looking at France as a market, either for buying or selling, it is obvious that the most striking feature about the country at the moment is its position as a military theater. At this date, such very limited port facilities as exist are entirely controlled by the military; there is hardly a railroad bridge left standing; oil and gasoline are practically unobtainable for civilian purposes; the transportation and communication systems are shambles. If the physical possibility exists of unloading anything besides army supplies in France, such supplies must be primary essentials for the French population.

It has been estimated by French technicians that France will need from the United States during the first year after the war, among other things, approximately $63,000,000 worth of gasoline and petroleum products, $5,000,000 worth of synthetic rubber and carbon black, $24,000,000 worth of wood, $15,000,000 worth of nonferrous metals, $4,000,000 worth of hides, and $169,000,000 worth of textile raw materials.

Soil Fertility Sags

In spite of the fact that more fertilizer has been used on farms during the war than at any other time in the nation's history, experts of the Department of Agriculture believe we continued to lose ground in the battle to keep the fertility of the soil up to normal levels.

In a report on "the impact of war on the financial structure of agriculture" the experts say that throughout the war the supply of fertilizer has been reasonably adequate. From 1940 to 1943 the number of acres planted to crops expanded about 4 percent, and fertilizer consumption increased 36 percent. But despite this, it is improbable that the heavy wartime drain on soil fertility has been completely offset.

To maintain and resore the fertility of farmland, the experts urge the use of larger quantities of fertilizer, better cultural methods, and more physical improvements, like terracing and draining. Under moderately favorable price conditions, it is added, farmers in general could use profitably much more fertilizer than they did in 1940.

Labor Law Inequity

The outcome of the recent battle between "Little Caesar" Petrillo and the broadcasting companies in which the latter came off second best and now must pay tribute to the musicians' union on all records produced by its members, may have a silver lining for the forces which for years have been seeking an equalization of rights between labor and employers under the labor laws.

Mr. Petrillo's action, they say, has now provided them with all the ammunition they need to force Congress to amend the law, and they are going after it when the new Congress comes in next January with all the pressure they can exert. It is too late to try for the amendment this year because it can be too easily blocked by the union forces in the house.

The fact is now outstanding and cannot be disproved by any manner of means, it is argued, that a union official can defy the government and not be brought to task while an employer immediately subjects himself to plant seizure should he go to such extremes, was proved in the Montgomery Ward case. Such unequal division of rights demands remedying.

Cigaret Scarcity

From all the information that Congress has been able to gather on the subject, the shortage of cigarets must be put down as a figment of public imagination—if you overlook the fact that you can't buy 'em. According to figures given the investigators, the companies are making twice as many "smokes" now as were made before the war, a smaller percentage of tobacco production is being exported, and we have the biggest tobacco crop in history this year.

The reasons given for the shortage are legion. Some say it's because higher wages has increased consump-

—*Continued on page 47*

Lend-Lease to U.K. To Be Reduced

OPD Washington Bureau

Lend-lease aid to the United Kingdom will be reduced to approximately $5,600,000,000 upon the defeat of Germany or to about one-half of the amount provided this year, it was announced November 30 here and in London. The aid to be extended will be restricted to the materials necessary for British aid in the war against Japan and materials needed by the U. K. from the United States for her export trade will be paid for in cash.

Much of the aid to Britain will be reduced even before the defeat of Germany, the announcement stated. It is now expected that some raw and semi-fabricated materials, such as iron and steel, will no longer be provided by the United States to the U. K. under lend-lease after January 1, 1945. The statement added:—

Since lend-lease aid is made available to our allies only when it contributes directly to the winning of the war, lend-lease articles have from the beginning not been available for reexport commercially. That policy will also be continued without change. There will be no change in the principle as laid down by the government of the United Kingdom in its White Paper of September, 1941, that no articles received under lend-lease from the United States shall be exported commercially.

After the defeat of Germany, there will be no impediment to the United Kingdom's exporting articles, so far as war conditions permit, which are no longer supplied under lend-lease and are obtained out of their own production or purchased from this country for cash.

As in the past, the United States and the United Kingdom will both endeavor to insure, to the extent practicable, that neither United States nor United Kingdom exporters receive undue competitive advantage over the other as a result of the war situation.

OPA Corn Products Industry Advisers Named

The appointment of an industry advisory committee to aid the Office of Price Administration in problems that may arise in the pricing of wet corn milling products, has been announced. This committee will represent ten companies located principally in Iowa, Illinois, Indiana and Missouri.

The principal products of the corn refining industry are corn syrups unmixed, refined and crude corn sugar, blended corn syrups, industrial and edible types of corn starch, and dextrines for adhesive uses. Maximum prices for these products are covered by the General Maximum Price Regulation and by revised supplementary regulation 14. Members of the Corn Products Refining Industry Advisory Committee are:—

Arthur C. Mohr, Anheuser-Busch, Inc., St. Louis, Mo.; J. H. Lind, jr., of Penick & Ford, Ltd., New York, N. Y.; Theodore Sander, jr. of the American Maize Products Company, New York, N. Y.; Frank Greenwall, National Starch Products, Inc., New York; R. E. Clizby, Clinton Company, Clinton, Iowa; A. E. Staley, jr., A. E. Staley Manufacturing Company, Decatur, Ill.; George W. Ross, the Huron Milling Company, New York; Roy L. Kruger, the Hubinger Company, Keokuk, Iowa; Earl B. Pulse, Union Starch & Refining Company, Columbus, Ind.; Fred Mueller, Corn Products Sales Company, New York.

WPB Names Boardman Phila. Regional Head

OPD Washington Bureau

Appointment of J. Griffith Boardman of Philadelphia as regional director of the War Production Board for the Philadelphia area was announced November 30 by the WPB. He succeeds Orville H. Bullitt resigned.

Mr. Boardman is president of J. Griffith Boardman Company, insurance brokers, vice-president of the Narmonic-Reid Corporation and Secretary of the Philadelphia Housing Authority.

Arsenic Small Order Exemption Raised

OPD Washington Bureau

The arsenic small order exemption has been increased from 650 to 700 pounds, under schedule 45 of M-300. WPB stated that the change was made necessary because in the use of new types of ore the density of arsenic has been increased.

Packaged Drugs OPA Pricing Adjusted

OPD Washington Bureau

An individual adjustment provision permitting manufacturers of low-priced packaged drugs who are suffering hardship to apply to the Office of Price Administration for adjustment of present ceilings has been announced. The new adjustment provision, effective December 6, is amendment No. 6 to MPR No. 392.

The amount of adjustment is determined by the unit cost of the product and by the relationship of the applicant's current overall earnings to those earned by him during a representative peacetime period. The adjusted price will not be higher than the selling price of the next higher competitive seller of the same or an equivalent product. When adjustments are made in producers' ceilings, OPA may adjust resale prices for the products affected, or may establish uniform adjusted resellers' prices in accordance with provisions of the packaged drugs regulation.

Until the present time the only adjustment provision included in the regulation covered the limited situation where a manufacturer disposed of substantially all his output through one distributor, who was required to absorb any increase granted his supplier. A number of manufacturers have indicated to OPA that they have experienced such increases in labor and material costs that they will be unable to continue selling certain low-priced products unless their ceiling prices are lower than those of competitive products on the market. The amount of adjustment that may be granted manufacturers is calculated as follows:—

(1) If the applicant's current overall earnings are better than they were during a representative peacetime period, a maximum price equal to unit direct costs will be established.

(2) If the applicant's current overall position is normal, the adjusted price may also include indirect manufacturing costs and administrative and selling expenses per unit.

(3) If the applicant's overall earnings are less than they were during the base period, the adjusted price may include a margin of profit, but no price will be adjusted beyond the least amount that will cause overall earnings to be favorable.

(4) Finally, the amount of adjustment is limited by an amount equal to the difference between applicant's maximum price and the selling price of the next higher competitive seller who is able to supply applicant's customers with the same product or an equivalent substitute.

Containerboard Delivery Procedure Revised

OPD Washington Bureau

A manufacturer of containerboard or person who has been authorized by the War Production Board to receive containerboard may deliver it to another person for precessing if he retains title to it, although the processor may not have been specifically authorized to receive it, WPB has announced. This exception to requirements for receiving containerboard was made in an amendment to Conservation Order M-290. The person owning the board must have had authority to receive it, must retain ownership, and must invoice and sell the end-product made from it. It is also required that he report the shipments of the products so made to WPB on Form WPB-3077.

Chemical Interests Vested by APC

Among the property recently vested by the Alien Property Custodian were the interests of I. G. Farbenindustrie A. G., and A. G. fur Stickstoffduenger in United States patent 2,177,494, and the interests of J. D. Riedel-E. de Haen A. G., in the business of Riedel-de Haen, Inc.

The Alien Property Custodian filed notice November 18 of the quitclaiming to the Aluminum Company of America of vested interest in United States patent 1,932,873, relating to aluminum alloys.

United States patent 2,259,556, relating to an automatic barrel-cleaning machine, has been vested as the property of Karl E. Dreschler, and now is claimed by Ludwig Baer. The matter will be given a hearing in the New York APC office, 120 Broadway, December 6, at 10:00 a.m.

When G.I. Joe comes Home

your Red Cross stays at his side

No matter what emergency may arise, G. I. Joe can look to the Red Cross for help. Thousands of appeals from ex-servicemen and their families are being answered every day. The job is big, and *growing*... what can *you* do to help?

J. E. is home, medically discharged. A physical disability prevents returning to his old job. Through vocational training, he learns leather-working and becomes self-supporting.

Mrs. L. T., en route to join her soldier-husband, is suddenly taken sick in a strange city. Immediate hospital care, provided through the Red Cross, probably saved her life.

Although six months have passed since his discharge, R. D. is still unable to hold a job. A Red Cross worker discovers psychiatric care is needed, and sees that he gets it.

Mrs. E. K., whose husband is an invalid, is stricken with a serious illness. The Red Cross arranges to bring home her soldier-son, who keeps the family together and avoids a broken home.

T. H. is home, medically discharged. His pension is delayed. The Red Cross helps him secure necessary proof of his claim, and tides the family over until the first check comes.

Two soldiers' wives arrive at an army camp and find their husbands have been sent abroad. The Red Cross, when informed of their plight, loans them funds to return home.

In these and other ways the Red Cross is helping G. I. Joe. It furnishes financial aid... sends letters, telegrams, cables... arranges for medical care... gives training in arts and skills... lends a helping hand where it is most needed. These services must be continued. Keep them going—by helping through your local Red Cross Chapter.

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APMA to Discuss Various Research Angles

In addition to the presentation of the association's scientific award to the National Research Council, the midyear meeting of the American Pharmaceutical Manufacturers Association will be featured by a report by its research board under the direction of Dr. C. O. Miller, which will have to do with work on vitamin preparations, thiamine hydrochloride solutions, rubber closures, ampuls of distilled water and parenteral solutions, and the assay of digitalis. The general contact committee will present also a review of its year's activities.

Practical subjects for research will be presented by Dr. A. E. Smith, secretary of the A.M.A. Council in Pharmacy and Chemistry. Developments in U.S.P. revision will be reviewed by Prof. E. Fullerton Cook, and Dr. Justin L. Powers will tell about N.F. matters.

Because of the importance of research in pharmacal enterprise, the American Pharmaceutical Manufacturers Association cordially invites the members of all divisions of the drug industry to attend the sessions of its midyear meeting, December 11 and 12, in the Waldorf-Astoria, New York.

Committee reports will be made by Floyd Thayer, on disposal of postwar surpluses, and Fred Lawson, on social and economic developments. S. DeWitt Clough will talk on "The Road Ahead in Manufacturing Pharmacy." Fred Stock, of WPB, will discuss critical materials.

At a public session in the forenoon of December 12, Representative Hatton W. Sumners will talk on "Our Traditional Balance of Federal and State Government"; Dr. Sumner H. Schlichter, of Harvard, is slated for an address on "Postwar Jobs, Taxes and Draft"; W. M. Robbins, of the General Foods Corporation, will discuss "The Social Responsibility of Industry in the Postwar Period"; Charles Wesley Dunn, counsel to the association, will discuss "The Sherman Antitrust Act: Its Fundamental Significance in the Postwar Period."

The association expects to have among its expected two score and more of special guests at the scientific awards session Dr. E. A. Doisy and Dr. Hendrik Dam and perhaps other recipients of the Nobel prizes to be presented December 10, also several earlier Nobel prize-winners.

I.E. Knapp to Direct Naval Stores Research

OPD Washington Bureau

I. E. Knapp has been appointed head of the Naval Stores Research Division of the Bureau of Agricultural and Industrial Chemistry of the Agricultural Research Administration of the Department of Agriculture.

In his new position Mr. Knapp will administer and supervise the work of the division, which is engaged in fundamental and applied research on the production and use of turpentine and rosin and in the search for new and wider outlets for naval stores. He will direct the work of the Naval Stores Station at Olustee, Fla., where new products and processes are worked out on a commercial scale.

A native of New York, Mr. Knapp received his bachelor's degree from Cornell University in 1915, and has been engaged in research work ever since. From 1915 to 1918 he worked as a chemist in an oil cracking plant; from 1918 to 1925 he was plant supervisor for a large chemical company; and from 1925 to the time of the appointment to his present position he was engaged in research work in naval stores. His headquarters will be in New Orleans, La.

Pitts. Plate Glass Plan $700,000 Addition

H. B. Higgins, president of the Pittsburgh Plate Glass Company, Pittsburgh, Pa., has announced plans for a $700,000 addition to the company's production facilities at its Mt. Vernon, Ohio, window glass plant.

Fiberglas Textiles Discussed by Slayter

War requirements have been largely responsible for two recent developments that forecast broader peacetime uses of fiberglas textiles in the industrial field, Games Slayter, vice-president and director of research of the Owen-Corning Fiberglas Corporation, told the initial meeting of the 1944-45 season of the New York Section of the American Association of Textile Chemists and Colorists, held in the Downtown Athletic Club, New York, November 17.

One of these developments involves the use of textiles as reinforcement for plastics and the other takes the form of fiberglas cloths coated with synthetic rubbers or resins. Mr. Slayter stated that fiberglas plastics combinations possess extremely high strength in proportion to their weight.

Test specimens, he added, have tensile strengths of from 50,000 to 80,000 pounds per square inch, compression strength of over 50,000 pounds per square inch and impact strengths of over 30-foot pounds, as compared with 2-foot pounds for ordinary plastics.

The needs of the armed forces, Mr. Slayter explained, have led directly to the development of fiberglas fabrics coated with synthetic rubbers and resins. These have high tear strength,

—Continued on page 62

A.C.S. Rochester Section To Mark 500th Meeting

The Rochester Section of the American Chemical Society will celebrate its 500th meeting on December 4 at the Rochester Chamber of Commerce. Dr. C. E. K. Mees, vice-president and director of research of the Eastman Kodak Company, will deliver an address on "The Growth of Chemical Ideas."

M. Herbert Eisenhart, president of Bausch & Lomb Optical Company, will be toastmaster and Victor J. Chambers, professor emeritus of chemistry at the University of Rochester, will introduce such of the charter members of the section and its predecessor, The Chemists' Club of Rochester, as are able to attend. Howard S. Gardner, chairman of the section, will also speak. A dinner at the chamber will precede the meeting. The committee of arrangements consists of Howard S. Gardner, E. R. Taylor, C. J. Staud, Ethel L. French, Harold Coles, Norris D. Embree, and Thomas F. Murray, chairman.

Dr. McCall Retires From Agriculture Dept.

OPD Washington Bureau

After twenty-nine years with the U. S. Department of Agriculture Dr. A. G. McCall, internationally known soil scientist, has retired from his duties with the Research Division of Soil Conservation Service. He will continue, however, as collaborator, to advise the department on phases of soil and moisture conservation.

Identified with soils investigations for almost forty-five years, Dr. McCall climaxes his career with publication, as co-author, of ten soil conservation handbooks for agricultural technicians. These bulletins crystallize the findings of a decade of investigation into soil conservation methods in ten important agricultural areas of the United States. Four have been published and six are in preparation.

Industrial Applications of Chemicals and Related Materials

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(Parenthetic figures are the numbers of patents in the United States or other countries; as designated)

2-Amino-6-piperidylpyridin

Disinfectant—Starting point (U.S. 2129294) in making derivatives useful as germicides.

N-Betamorpholinoethyl Succinate

Adhesives—Plasticizer (U.S. 2249518) in adhesive compositions containing cellulose acetate.

Ceramic—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used for protecting and decorating ceramic products.

Chemical—Plasticizer (U.S. 2249518) for cellulose acetate.

Cosmetic—Plasticizer (U.S. 2249518) in nail enamels and lacquers containing cellulose acetate as base material.

Electrical—Plasticizer (U.S. 2249518) in insulating compositions, containing cellulose acetate, used for covering wire and in making electrical equipment and machinery.

Glass—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of noncatterable glass and as coatings for protecting and decorating glassware.

Leather—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods.

Metal Fabricating—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for protecting and decorating metallic articles.

Miscellaneous — Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate used for protecting and decorating articles of various sorts.

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2249518) in paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate.

Paper—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp.

Photographic — Plasticizer (U.S. 2249518) in making films from cellulose acetate.

Plastics—Plasticizer (U.S. 2249518) in making laminated fiber products, molded products, plastics from cellulose products.

Resins—Plasticizer (U.S. 2249518) for resin-cellulose derivative compositions and solutions.

Rubber—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for decorating and protecting rubber products.

Stone—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for decorating and protecting artificial and natural stone.

Textile—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of coated textile fabrics.

Wood—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate used as protective and decorative coatings on woodwork.

Plastic wood compositions, containing cellulose acetate, used for many filling and repairing purposes on wood.

Butyl Gallate

Fats, Oils, and Waxes—Antioxidant (Brit. 542833) for fats, fatty acids, oils.

2-Chlor-2:5-dinitro-2-methoxybenzyl Trifluoride

Chemical—New chemical claimed (U.S. 2257093) interesting to processors and research workers.

Difluorodiphenylethylene

Chemical—Claimed (U.S. 2238242) interesting for research and development.

Ethyleneglycol Dioleate

Chemical — Starting point (U.S. 2136379) in making scouring, washing, and wetting agents, with the aid of sulphuric acid and an alkali salt.

Methylethylpyridinium Chloride

Rubber—Accelerator (U.S. 2131244 and 2131245) in vulcanizing processes.

Peat

Abrasives—Filler in abrasive compositions.

Animal Husbandry—Ingredient of cattle feeds.

Bituminous Products—Filler in asphalt compositions for highways, and the like.

Source of peat-tar.

Building Construction — Filler in composition floorings, fiberboard, wallboard, insulations, roofing materials, shingle compositions, sound-deadening compositions.

Chemical—Adsorbent for gases.

Filtering agent for liquids carrying precipitates or suspensions, wastes containing harmful matter.

Softener for water.

Source of humic acid.

Starting point in making decolorizing carbons.

Explosives—Adsorbent in explosive compositions.

Filler in explosive compositions.

Fertilizer—Ingredient of fertilizer compositions.

Source of ammonia and humic acid.

Fuel—As a fuel.

Ingredient of fire kindlers, fuel compositions.

Lubricant—Filler in greases.

Metallurgical—Case-hardening agent for steel.

Miscellaneous — Filler in various products.

Process material in making bacterial composts.

Paint, Varnish, and Lacquer—Adsorbent in paint and varnish removers.

Paper—Adsorbent and filler in blotting paper.

Filler in cardboard and insulating, roofing, and wrapping papers.

Pharmaceutical—In compounding and dispensing practice.

Plastics—Filler in compositions for phonograph record and other articles.

Sugar—Filtering medium for solutions and water.

Softener for water.

Stone—Filler in artificial stone compositions.

Water and Sanitation — Filtering agent for purifying, decolorizing, and degreasing waste waters.

Softener for water.

Wood—Filler in plastic wood compositions.

Resorcinol Monoethylether Diethylcarbamate

Pharmaceutical—Claimed (U.S. 2209245) as vermicide.

Shorea Fat

(A vegetable fat obtained from the nut kernels of Shorea robusta, a common tree in northern India.)

Fats, Oils, and Waxes—Fat of pale-green color; melting point, 34° to 36° C.; fatty acid percentages:—Palmitic, 4.5; stearic, 44.2; arachidic, 6.3; oleic, 42.2; linoleic, 2.8.

Data similar to those above on Uses and Applications of **7089** *Chemicals and Related Industrial Materials: two books, 1192 pages* **$19**

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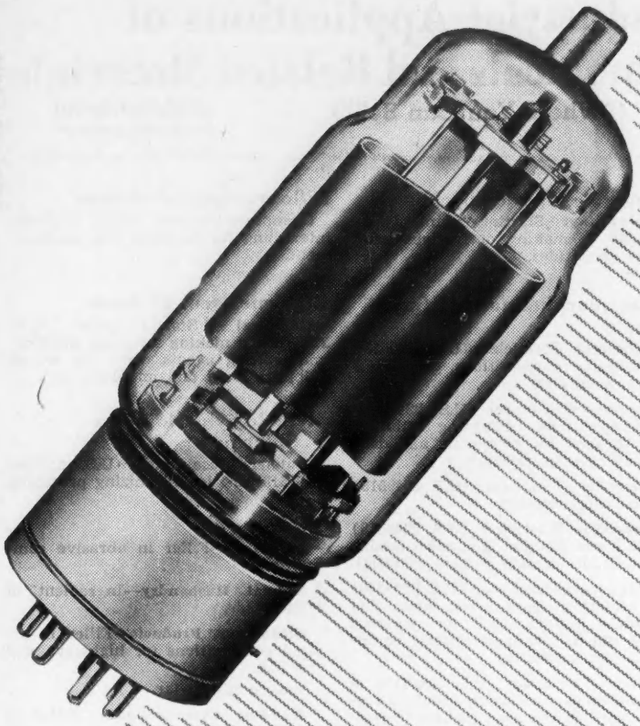

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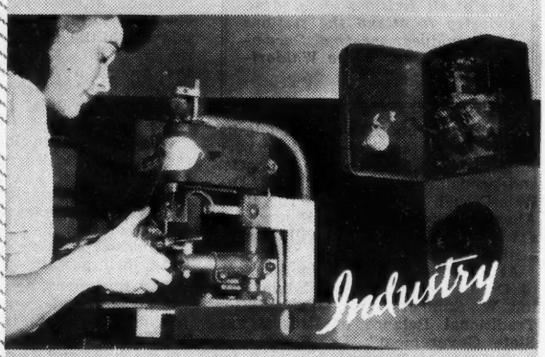

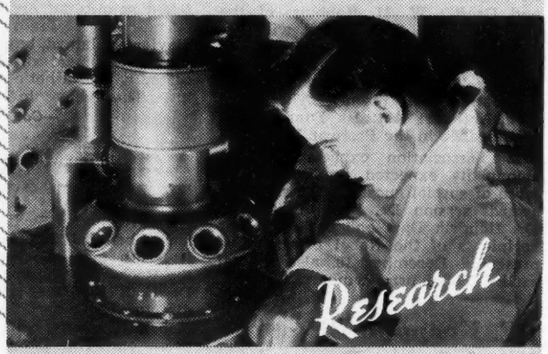

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Current Market Quotations
Chemicals and Related Materials

December 1, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).

Acetaldehyde,[4,5] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70

tech., fib., dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29

USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs.....lb. .35 - .37

Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —

Acetoacetanilide, bbls., dms....lb. .49 - .67

Acetone, CP,[1,6] dms., c.l., dlvd. E.*..lb. .08 - —
l.c.l., dlvd. E.*.....lb. .08½ - —
tanks, dlvd. E.*.....lb. .07 - —

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* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —

Acetophenetidin, bbls., kgs., 1,000-lb. lots.. 1.09 - —
dms. .....lb. 1.08 - 1.10

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½- —

Acetic,[1,6] com'l or glacial., 28% bbls..100 lbs. 3.38 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100 lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59

Standard USP, fine cryst., gran, (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works.....lb. .31 - —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22

Ascorbic,[1,6] USP, dms., 500-kilo lots..kilo.24.50 - —
50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots. kilo.....kilo.26.41 - —
500 gram.....kilo.27.47 - —

Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .42 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59

dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Betaoxynaphthoic, bbls. works, lb. .95 - —

Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $28 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —

Broeners, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., ret. dms.....lb. .21½- .22
Caprylic, tech., ret. dms....lb. .27 - .27½
Castor oil,[5] split, ret. dms...lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —

Chromic,[6] 99½-99¾%, dms., c.l., lb. .16½- —
l.c.l. .....lb. .16¾- .18¼

Cinnamic, refd, bots.....lb. 3.50 Nom.

Citric,[1,6] anhyd., gran., dms., c.l...lb. .22½- —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
Powd. citric acid, ½c. higher.

Cleve's, bbls.....lb. .65 - —

Coconut oil,[1,5] dist., dms....lb. .15½- .17½

Corn oil, s.d., dms., c.l., works, lb. .12 - —

Cottonseed oil,[1,5] s.d., dms., c.l...lb. .12 - —
tanks, dlvd.....lb. .14½- —

Cresylic,[2,6] dom. (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal., ref....gal. .510 - —
Sewaren, N. J., reg..gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (209°-246°), tanks, Cal. ref..gal. .680 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref.gal. .636 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref...gal. .636 - —
tanks, dlvd.....gal. .646 - —

Diethylbarbituric (see Barbital).

F (see Acid, Monosulphonic).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11½

Fumaric, tech., bbls., dms...lb. .27 - .31

Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15

Gamma, bbls.....lb. .85 - —

Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjb. .....lb. .21 - .28
kgs. 100 lbs.....lb. .14 - .15

Glutamic hydrochloride, dms., lb. 2.00 - 2.40

Glycolic (see Hydroxyacetic).

H, bbls.....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57% bots.....lb. 2.90 - —

Hydrobromic, conc., cbys....lb. .35 - .37
dil., cbys.....lb. .20 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls., works....lb. .80 - 1.00

Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —

Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09

Hydroxyacetic, 70% tech., bbls., non-return., Phila...lb. .084 - —
tanks, works, basic acid content..lb. .06½- —

Hypophosphorous, USP, djns., lb. .75 - .77

Lactic,[6] edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more..lb. .24½- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14½- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15½- —

tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys. works.....100 lbs. 4.15 - —

44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —

light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —

44%, bbls., c.l., works... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —

USP XII, 85%, cbys. .....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55

Lauric, dist., 95% dms.....lb. .28 - —

Laurent's, bbls.....lb. .45 - —

Linseed oil,[5] light, dms.....lb. .21½- .22

Maleic,[6] powd. dms.....lb. .30 - —
anhydride (see M).

Malic, powd., kgs.....lb. .47 - —

Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30

Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009

Molybdic, kgs., works.....lb. .95 - 1.10

Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls.....lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24 works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —

Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —

22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —

CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —

Myristic, dist., dms.....lb. No stocks

Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —

230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —

Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —

Nicotinic amide (see Nicotinamide).

Nitric,[6] 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —

38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —

40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —

42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —

CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11½- —
7-lb. bots.....lb. .21½- —

Oleic (see Oil, red).

Oleum (see Acid, sulphuric, fuming).

Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —

Palm oil,[5] white, dist., dms..lb. No stocks
tanks .....lb. No stocks

Para-aminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —

Peanut oil,[5] s.d., tanks, dlvd., lb. .11¼- —

Phenylacetic, bots.....lb. 1.85 - 3.00

Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —

USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11¼- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionic,[1] synth., pure, 55-gal., dms., works..lb. .19½- —
tanks, works.....lb. .18½- —

Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —

USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65

Pyroligneous, bbls., dlvd. E..gal. .30 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).

Salicylic,[1] tech., bbls., c.l....lb .26 - —
100 lbs. to c.l.....lb .33 - —
smaller lots.....lb .34 - .42

USP, bbls., c.l.....lb .28 - —
100 lbs. to c.l.....lb .35 - —
smaller lots.....lb .36 - .44

Sebacic, tech., dms., works..lb. .55 - .57

Soybean oil,[1,5] s.d., dms.....lb. .14½- .18½
tanks, works.....lb. .11 - —

Stearic,[1,5] double-press, bgs...lb. .15¾- .16½
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .19¾- .19¾

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —

Sulphuric,[6] 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works....ton.13.00 - —

66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —

98°, tanks, works.....ton.17.50 - —

CP, USP, consumers, cbys.lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —

fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs..lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs. 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —

Thioglycollic, bbls., cbys....lb. 7.10 - 8.25

Tobias, bbls.....lb. .55 - .60

Trichloroacetic, bots.....lb. 2.00 - 2.50

Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —

Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.10 - 1.15

Acetic hydride,[6] dms., c.l., frt. alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .13 - —

Aconitine, amorph., bots..... oz 23.00 -28.00
15-gr. vials.....vial 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —

Acrylonitrile,[6] dms., frt. alld..lb. .39¼- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works...lb. .40¼- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —

Adeps lanae,[1] USP, anhyd., pharmaceutical, dms., l.c.l., works..lb. .30 - —
cosmetic, dms., l.c.l., works, lb. .31 - —

Adeps lanae prices for primary distributors, f.o.b. St. Louis, lc. higher.

Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —

Agaric, white, bls.....lb. 3.75 - 4.00

Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls....lb. 2.05 - 2.10
granular, cryst., bbls....lb. 2.00 - 2.05
tech., cryst., bbls.....lb. 1.40 - 1.55

Alcohol, allyl, dms., c.l., dlvd.lb. .29 - —
l.c.l., dlvd.....lb. .30 - —

Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —

Benzyl, cns.....lb. .63 - .75
dms. .....lb. .63 - —

Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. lb. .1990- —
l.c.l., frt. alld. E...lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

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* Normal butyl alcohol prices West, ¼c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —

Capryl,[6] dms., c.l., works....lb. .17½- —
l.c.l., works.....lb. .18¼- —
tanks, work.....lb. .16 - —

Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00

Cinnamic, bots.....lb. 3.00 - —

Denatured,[1,3,6] CD14, dms., c.l., works, E..gal. .57 - —
19, dms., works, E....gal. .59 - —
1 to 18 dms., works, E..gal. .62 - —
tanks, E. dlvd.....gal. .50 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., E. works..gal. .57 - —
19, dms., E. works...gal. .59 - —
1 to 18 dms., E. works, gal. .62 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .55 - —
19 dms., works, E...gal. .59 - —
1 to 18 dms., works, E. gal. .60 - —
tanks, E. works.....gal. .48 - —
SD3G (replaced by SD28H).
SD23H, works, c.l., dms..gal. .56½- —
19 dms.....gal. .58½- —
1 to 18 dms.....gal. .61½- —
tanks, E. works.....gal. .49½- —
SD2J, denatured, with acetaldehyde, dms., c.l., E. works. 19 dms. or more, E. works..gal. .56½- —
1 to 18 dms., E. works, gal. .60 - —
tanks, E. works.....gal. .63 - —
tanks, E. works.....gal. .49½- —
When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.
Special solvent, dms., works, E..gal. .58 - —
19 dms. to c.l.....gal. .60 - —
1 to 18 dms.....gal. .63 - —
tanks, E. works.....gal. .51 - —
Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[2,6] acetonol, dms., c.l., dlvd..lb. .11½- .14½
l.c.l., dlvd.....lb. .11¾- .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½

Ethyl,[6] 190 pf., dms., c.l..gal.17.67 - —
19 dms.....gal.17.70½- —
1 to 18 dms.....gal.17.73½- —
tanks .....gal.17.60 - —
absolute, dms., c.l.....gal.18.62 - —
19 dms.....gal.18.65½- —
1 to 18 dms.....gal.18.68½- —
tanks .....gal.18.55 - —

Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —

Isoamyl (see Carbinol Isobutyl).

Isobutyl,[6] refd., dms., works..lb. .0860- —
tanks, works.....lb. .0760- —

Isopropyl,[3,6] refd., 91%, dms., 5 gals., dlvd..gal. .66½- —
55 gals., c.l., dlvd....gal. .59 - —
l.c.l., dlvd .....gal. .43½- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., dlvd.gal. .65 - —
55 gals., c.l., dlvd....gal. .44 - —
l.c.l., dlvd .....gal. .47 - —
tanks, frt. alld.....gal. .37½- —

Methyl (see Methanol).

Octyl (see Alcohol, ethylhexyl).

Phenylethyl, bots., cns.....lb. 2.10 - 2.50

Polyvinyl, type A, fiber-pack, Niagara Falls lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63

Propyl, normal, dms., wks..gal. .67 - .70

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order (L order)

[4]—General Preference Order (M order)

[5]—Conservation Order (M order)

[6]—Allocation

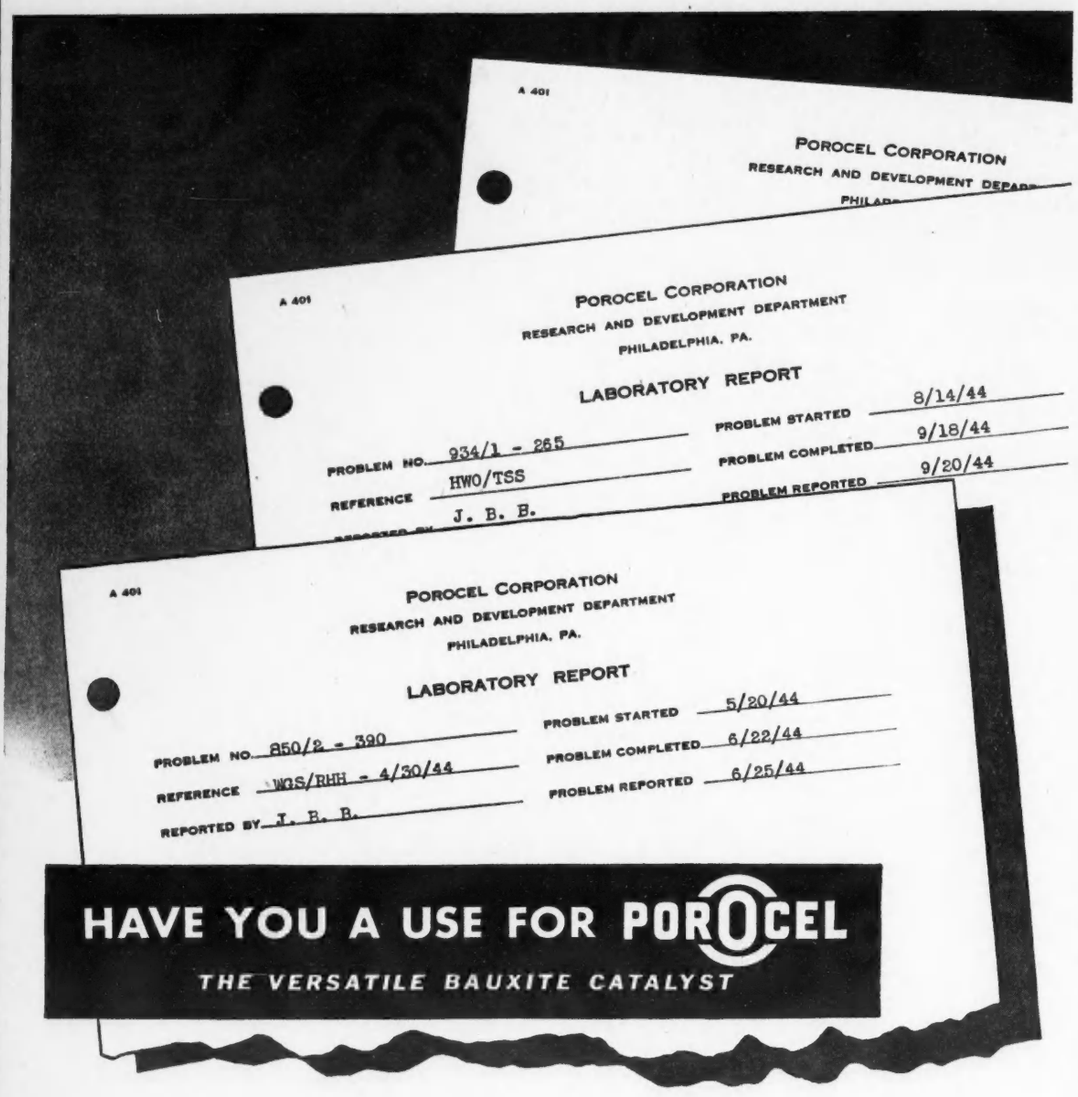
Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis.....lb. .50 - —
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldol,[9] dms., works.....lb. .13 - .15
acetat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18 - .18½
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .28½- .28½
Alphapinene, dms., c.l., wks.gal. .85 - —
l.c.l., works.....gal. .87½- —
tanks, works.....gal. .82 - —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[8] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works...100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
dlvd.....100 lbs. 4.25 - 5.00

Alumina, ground, classified, grade, kgs., works..lb. .35 - .67
top grade, ground, kgs., works, lb. .62 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[6] com'l, bbls., c.l., works..lb. .06 - .06¼
l.c.l., works.....lb. .09 - .13
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., chys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AlO_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis..lb. .03 - .03¼
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½%, Al_2O_3, fib. dms., works, lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
Alumina hydroxide, powd., U.S.P. IX, bbls., dms.....lb. .15 - .17
precip. prec., bbls.....lb. .25 - .26

Naphthenate, 1.7%, Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald., 100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works... 100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 2.10 - —
trihydrate, heavy bgs., wks.. lb. .024 - .035
Aluminum, 98-99% [3,4,6], c.l....lb. .15 - —
l.c.l. .....lb. .16 - .16
paste, lining, extra fine, 200-dm..lb. .56 - .60
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .58 - —
powder, lining extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.12.50 - 14.00
Aminomethylpropanol, uns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald., ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .14½- —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .26
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .08¼- .09¼
cns. .....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .18 - .18
Citrate, dibasic, bbls.....lb. .75 - —
Fluoride,[6] bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, bgs., c.l., shipping points..ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech, bgs., works.....100 lbs. 4.35 - 5.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-Limestone, 20.5% N, bgs., Hopewell, Va...ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .32
Perchlorate,[6] kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08¼
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08¼
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride,[6] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports..ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .06 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .16½
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102- —
tanks, works.....lb. .06½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .81 - —
Salicylate, bots.....lb. .80 - 1.35
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica atropurpurea root, dms. lbs..lb. .80 - 1.35
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½- .30
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs.....lb. .18 - .18½
Syrian, bgs.....lb. .20½- .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .84 - .89
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
30%, bbls., works.....lb. .06 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works..lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Antimony oxide,[1,6] ceramic grade, bgs., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
paint grade, c.l.....lb. .16%- —
l.c.l. .....lb. .16%- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., tcs....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple Syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz. 6.10 - 7.10
Argois, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 2.35 - 2.45
Arrowroot, powd., bgs., bbls..lb. .09½- .10



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POROCEL CORPORATION • BAUXITE ADSORBENTS AND CATALYSTS

260 SOUTH BROAD STREET, PHILADELPHIA 1, PA.

Tartaric Acid

The acid of grapes is not under governmental allocation.

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Chemicals

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TELEPHONE LEXINGTON 2-3324

Arsenic,[6] metal, lump, c.l.....lb. No prices
Chloride (arsenous), bots.....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots. lb. 5.58 - —
jars ....lb. 6.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. ....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l......lb. .04 - —
l.c.l. ....lb. .04¾- —
Asafetida, cs.....lb. .45 - .66
powd., bbls., drms.....lb. .56 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 6K, bgs., c.l. (20 tons), Canad. mines,
ton.49.50 - —
5R, bgs., same basis.....ton.44.00 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10¾- —
California, dms., c.l......ton.36.40 - —
t.c.l. ....ton.41.40 - —
Cuban A, bulk, c.l., N. Y...ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
390-395° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —

Asphaltum, Gilsonite, brilliant black, seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines, ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 6.50 - 6.75

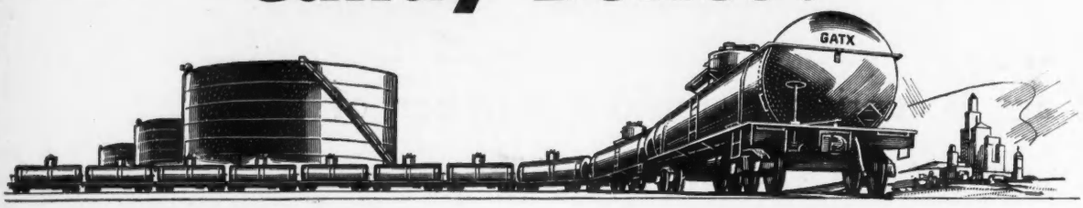
B

Balm of Gilead buds, bgs......lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs......lb. .90 - .95
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 90% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls......lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst.,[6] bgs., c.l., works, ton73.00 - —
l.c.l., same basis.....ton.75.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis.....ton.80.00 - —
Dioxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07

Barium iodide, bots.....lb. 4.62 - 4.82
monoxide (see Oxide).
Nitrate, bbls., c.l., works.....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .06 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works.....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs ....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y......ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y......ton.34.00 — —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba SO_4, bulk, mines..ton. 8.50 - —
Bauxite, blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .90 - .95
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb nominal
Benzocaine, cns.....lb. 3.20 - 3.85
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo. gal 15 -

Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys......lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.98 - —
Oxide, dms., c.l., works.....lb. .06 - —
dms. ....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.00
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots..... ...lb. 2.00 - 2.20
Berberine bisulphate, cns......lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .28 - .30
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .43 - .44
Bismuth[6] chloride, bots......lb. 3.00 - —
jars ....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars ....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. ....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots......lb. 1.41 - 1.46
cns. ....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns....lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms...lb. 1.20 - 1.23
bots. ....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms...lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots......lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms...lb. 3.40 - —
cns. ....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls.. c.l., frt. alld $E.$.lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis, lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon,[6] heads, compressed, bgs., c.l., works..lb. .08550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .08625- —
bgs., ctns., l.c.l., dlvd. or whse...lb. .09 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .06
B, bbls.....lb. .05¾- —
kegs ....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls......lb. .90 - .95
Tree bark, bls.....lb. .40 - .50
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 65½%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 2.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .18½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .70 - .80
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
50%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Chinese, bbls., same basis....lb. .36 - —
Milori, bbls., same basis....lb. .30 - —
Prussian, bbls., same basis, lb. .26 - —
soluble, bbls., same basis..lb. .26 - —
Molybdated, Victoria, same basis..lb. 3.15 - —

The World's Largest Candy Boxes!



1 Long before they are used in candy making, fine vegetable oils must be guarded against contamination. General American terminals, in which such oils are stored, provide the necessary safeguards.

2 Then the oils are shipped in General American tank cars, again thoroughly protected. The cars have specialized features, designed and engineered by General American in cooperation with the food industry.

3 In spotlessly clean modern factories, General American process equipment gives precise control in candy manufacture.

4 When the candy arrives, either overseas or in your home, it is *flavor-fresh*, because it has been transported in General American refrigerator cars.

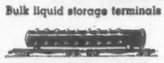
GATX GENERAL AMERICAN

GENERAL AMERICAN TRANSPORTATION CORPORATION

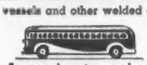
Chicago

Builders and operators of specialized railroad freight cars

Bulk liquid storage terminals



Pressure vessels and other welded equipment



Aerocoach motor coaches

Process equipment of all kinds

Precooling service for fruits and vegetables

One of a series of advertisements designed to show General American's contribution to everyday living and our part in the efficiency of American industry during war and peace.

Celanese* Chemicals

. . . research that anticipates your reconversion problems

The automatic telephone exchange must handle thousands of electrical contacts with split-second precision. This modern miracle is served in three ways by Lindol*, one of the Celanese* organic phosphates: 1. Provides lubrication—non-corrosive, non-oxidizing, non-volatile, non-flammable—for delicate mechanisms. 2. As a plasticizer it imparts flexibility and toughness to insulations protecting the wires. 3. To prevent even a trace of dust at the contacts, Lindol is used as the dust absorbent in the important air filters.

IN RECONVERSION and the following adjustment era the need for chemicals precisely tailored to individual needs will be greater than ever. This accents the postwar importance of synthetics which, inherently, are highly adaptable to specific objectives.

Chemicals of Celanese Corporation of America have long demonstrated the important principle of anticipating industrial needs. For example, by this type of thinking, this type of planning, this type of research, the organic phosphates pioneered by Celanese research have been developed into a long series of compounds serving a great many fields.

Lindol* came into being as a result of extensive search for a particular type of plasticizer for Celluloid (the original plastic) to reduce flammability, eliminate odor, add toughness and stability. Today Celanese is producing many organic phosphates under the family names of Lindol*, Lindol* E.P., Lindol* M.P., Celluflex* and Cellulube*.

The development of Celanese organic phosphates has resulted from a willingness to study specific customer requirements and then, through research, finding a type that does the job with precision.

The field of vinyl compounds, for instance, proves the value of this approach. Vinyl compounds require a great variety of plasticizers for their tremendous variety of uses. As each need arises for a vinyl plasticizer with particular characteristics, Celanese goes to work to get the answer. The result has been plasticizers with resistance to high temperatures, while maintaining flexibility. Plasticizers with improved electrical characteristics. Plasticizers that furnish non-flammability. Plasticizers with special solubility characteristics. Plasticizers for films coming in contact with food.

Before the war Lindol E.P. had taken its place in the motor field as a very valuable lubricant additive. It increases film strength of the lubricant many times and at the same time acts as a solvent for resinous deposits. During the war it has been a very important factor in aviation oils helping to sustain long hours of operation for planes on bombing missions. Similarly it is helping to give motor oils endurance for tanks, supply vehicles and other military equipment.

Then there was the very serious problem presented by the die casting industry. Flammable hydraulic fluids represent a serious fire hazard in the event of leaks because of the high pressures involved and the presence of numerous pots of molten metal. This problem was solved by a Celanese nonflammable organic phosphate. It is used as the hydraulic fluid, and it already has a record of saving lives and equipment in this important war production industry. This list of achievements in developing organic phosphates to meet particular needs is always on the increase.

Celanese research seeks to provide materials to meet the specific needs of each new problem—rather than suggest that such needs be altered to fit existing materials. Whether results are obtained through radical changes of formulas or hairline variations, Celanese digs constantly for new qualities and properties to meet individual needs. The starting point is: "What are you up against?" Celanese Chemical Corporation, *a division of Celanese Corporation of America,* 180 Madison Ave., New York 16, N. Y.

PLASTICIZERS
ORGANIC PHOSPHATES
LUBRICANT ADDITIVES
INTERMEDIATES
DYE-STUFFS

*Reg. U. S. Pat. Off.

CELANESE CORPORATION OF AMERICA · TEXTILES · PLASTICS · CHEMICALS

Blue peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .28 - .37
job grades, bbls., same basis, lb. .12 - .18
reg. grades, bbls., same basis, lb. .17 - .37
Victoria, toner,[1] molybdic, bbls., same basis..lb. 3.15 -
tungstic, bbls.....lb. 3.80 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Bluflag root, bls.....lb. .50 - .55
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.33 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
Bone meal, steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works...ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.36.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .14 - .15
Borage flowers, bls.....lb. .55 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld...ton.45.00 - —
ton lots, ex whse...ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[3] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works..lb. .03¾- .10½
raw, American, bbls., works.lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, American, bbls., works, lb. .03¾- —
Italian type, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .70 - .72
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb 30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .06½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11⅝- —
l.c.l., same basis.....lb. .12½- —
tanks, same basis.....lb. .10⅜- —
secondary,[1,6] dms., c.l., divd. E. of Miss R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .00 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works, lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Proprionate, dms., divd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

Select your Chlorinating Agent from these Hooker Chlorides

Here are five Hooker Chlorides that are being widely used in Chlorination reactions. Their application is so widespread that we can only touch briefly here on a few of their uses in organic synthesis.

Sulfuryl Chloride, SO_2Cl_2, is commonly used to form organic acid chlorides. It may be used to produce chlor derivatives of phenols and in the presence of certain catalysts to produce chlor derivatives of hydrocarbons or the sulfonyl chlorides of hydrocarbons.

Thionyl Chloride, $SOCl_2$, available in a high degree of purity is a popular chlorinating agent because by-products of its reactions are sulfur dioxide and hydrogen chloride, gases readily removed by heating. It reacts with organic acids to form either acid chlorides or anhydrides depending upon ratio of acid to Thionyl Chloride.

Sulfur Dichloride, SCl_2, is used as a chlorinating agent and in these reactions may be considered the equivalent of chlorine dissolved in sulfur monochloride. It reacts with sodium salts of organic acids to produce acid anhydrides.

Sulfur Monochloride, S_2Cl_2, and ***Sulfur Dichloride,*** SCl_2, are used in metallurgy to chloridize sulfide ores. They react with unsaturated hydrocarbons introducing sulfur or chlorine, or both into the molecule. Unsaturated fatty acids are treated with these chlorides to produce cutting oil bases. They also find extensive use in the manufacture of dye intermediates, rubber substitutes, military gases, insecticides, and pharmaceuticals. Phenolic resins can be made through the use of these chlorides. The sulfur chlorides which have a ready source of chlorine are ideal chlorinating agents with the added advantages of ease of handling and storage and of low cost.

Phosgene (Carbonyl Chloride), $COCl_2$, is the acid chloride of carbonic acid. With alcohols it forms either chlorformates or carbonates. With amines it forms chloramides, substituted ureas or isocyanates. It enters into many Friedel-Crafts syntheses with aromatics to produce acid chlorides or aryl ketones. It may also act as an agent for direct chlorination. With metallic oxides and sulfides, it gives anhydrous chlorides. Reacting with organic acids it has been used to make acid chlorides and anhydrides.

Bulletin No. 328A, a technical discussion on Hooker Chlorinating Agents, gives more information on these chlorides as well as on Chlorine and Hydrogen Chloride and is available upon request. Our technical staff is also at your service in helping to solve problems involving the introduction of chlorine into organic chemicals or in the application of any of the many Hooker chemicals.

PHYSICAL DATA

	Sulfuryl Chloride	Thionyl Chloride	Sulfur Dichloride	Sulfur Monochloride	Phosgene
Formula	SO_2Cl_2	$SOCl_2$	SCl_2	S_2Cl_2	$COCl_2$
Molecular Weight	135	119	103	135	98.9
Description	Light yellow liquid	Pale yellow to red liquid	Dk. brown or reddish liquid	Yellow to slightly reddish liquid	Colorless gas or light yellow liquid under pressure
Freezing Point	Below—54°C	Below—75°C	—78°C	—80°C	—126°C
Boiling Point or Range	68° to 70°C	Technical Grade 72° to 79°C. Refined Grade 75° to 78°C	Decomposes above 40°C	138°C	8.2°C
Specific Gravity at 15.5°C	1.667 ±.005	1640 ±.005	1.638 ±.005	1.690 ±.005	1.392
Analysis	Over 99% by weight SO_2Cl_2	Technical Grade 93.0% by wt. $SOCl_2$ Refined Grade 96.0% by wt. $SOCl_2$	Minimum Cl_2 by wt. 66%	Minimum Cl_2 by wt. 50%	Shows no free Cl_2 when bubbled for one min. through 0.1% K.I. Solution

HOOKER CHEMICALS

HOOKER ELECTROCHEMICAL COMPANY
1 Forty-Seventh Street, Niagara Falls, New York
NEW YORK, N. Y. • TACOMA, WASH. • WILMINGTON, CALIF.
CAUSTIC SODA CHLORINE MURIATIC ACID
PARADICHLORBENZENE SODIUM SULFHYDRATE SODIUM SULFIDE

C

Cadmium bromide,[6] bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., divd. lb. .95 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots.....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .30 - .35
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., works, frt. alld.lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1,6] dms., c.l., works. ton.50.00 - —
divd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., 15 tons, divd...ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., divd. ton.18.00 -31.50
l.c.l., 15 tons, divd..ton.21.45 -25.45
73-75%, 5-ton lots.....ton.24.85 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, 100 lbs., dms lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, dense, fluffy, dm.lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70% bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13½- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. No stocks
Calomel,[6] bbls., dms.....lb. 1.88 - 1.89
Camphor,[6] natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works. lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots...lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25

Canada balsam (see Fir balsam).
Cantharides, Russian, whole, bgs. lb. 3.50 - 3.75
powd., bxs. lb. 4.25 - 4.50
Capsicum (see Pepper, red).
Caramel coloring, bbls. gal. .70 - 1.10
Caraway seed,[1] Californian, bgs., lb. .72 - .73
Canadian, bgs. lb. .74 - .75
Morocco, dewhiskered, bgs. lb. .69 - .70
Spanish, dewhiskered, bgs. lb. .70 - .72
Syrian, dewhiskered, bgs. lb. No stocks
Carbazole, 95%, dms., ton lots, works. lb. .70 - —
smaller lots, works. lb. .80 - —
90%, dms., ton lots, works. lb. .75 - —
smaller lots, works. lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl, l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works. lb. .22½ - —
l.c.l., works. lb. .23½ - —
tanks, works. lb. .21½ - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R. lb. .05 - —
l.c.l., same basis. lb. .05¾ - —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis. lb. .08 - .08¼
Dioxide, cyls. lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l. lb. .07½ - —
l.c.l. lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld. gal. .73 - —
l.c.l., frt. alld. gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld. gal. .97 - —
l.c.l., frt. alld. gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld. gal. .90 - —
l.c.l., frt. alld. gal. .97 - —
5 or 10-gal. dms., c.l., frt. alld. gal. 1.04 - —
l.c.l., frt. alld. gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld. gal. .94 - —
l.c.l., frt. alld. gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld. gal. 1.17 - —
l.c.l., frt. alld. gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l. gal. .83 - —
l.c.l. gal. .90 - —
5 or 10-gal. dms., c.l. gal. 1.07 - —
c.l. gal. 1.07 - —
l.c.l. gal. 1.17 - —
USP, cbys. lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs.. lb. 1.20 - 1.25
medium, cs. lb. 1.08 - 1.15
coorg clipped, cs. lb. .50 - .55
decorticated, cs. lb. .67 - .68
green, bgs. lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd. gram. 2.85 - —
50 grams, dlvd. gram. 2.90 - —
Carvol, bots. lb. 22.50 -23.00
Cascara sagrada bark, bulk. lb. .32 - .35
Case hardening mixture, 30% gran., dms., l.c.l. lb. .09¾- —
slabs, dms., l.c.l. lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point. lb. .24 - —
20 to 99, same basis. lb. .24½- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis. lb. .25½- —
20 to 99, same basis. lb. .25¾- —
less than 20 bgs. lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more. lb. .17 - .18½
rennet-precip., unground, bgs., 100 bgs. or more. lb. .19½- .20
Cassia[1] lb. No stocks
Cassia fistula, bskts. lb. .23 - .24
Castor beans, f.o.b. Brazilian ports. long ton. 61.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works, unit-ton. 2.90 - —
Castoreum, nat., cns. lb. 12.50 -13.00
synth., bots. lb. 19.00 - —
Catechol, CP, cryst., works, fib. dms., tin. lb. 2.15 - 2.80
resublimed, frt. alld. E. of Miss., dms. lb. 3.50 - —
Catnep, bls. lb. .65 - .66
Celery seed,[1] Indian, bgs. lb. .17¾- .18¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld. lb. .30 - .35
granules, ctns., same basis. lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld. lb. .30 - —
Cerium hydrate, dms., works. lb. .60 - —
Oxalate, USP, bbls., works. lb. .35 - —
kgs., works. lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works. lb. 1.50 - —
smaller lots, bgs., same basis. lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works. lb. .02⅞- —
paint and other industries, bgs., c.l., works. ton. 40.00 - —
papermakers, bgs., c.l., works. ton. 32.50 - —
rubbermakers, bgs., c.l., works. ton. 30.00 - —
Chamomile, Hungary type, cs. lb. .45 - .50
Roman, bls. lb. No stocks
Charcoal, pinewood,[3,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South. ton. 30.20 - —
l.c.l., same basis. ton. 41.00 - —
Willow, powd., bbls. lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works. 100 lbs. 2.85 - 3.85
l.c.l., works. 100 lbs. 3.10 - 4.10
tanks, works. 100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works. 100 lbs. 6.50 - 9.10
l.c.l., works. 100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd, air-float, 99.75%, 300 mesh, bgs., c.l., works. ton. 9.50 - —
l.c.l., works. ton. 16.00 - —
bulk, c.l., works. ton. 7.60 - —
200 mesh, bgs., c.l., works. ton. 8.50 - —
l.c.l., works. ton. 9.50 -16.50
wet grd., silk-bolt 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works. ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton. 19.00 -24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —
Chloral hydrate, jars. lb. .93 - .98
dms. lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works. lb. .32 - —
smaller lots, works. lb. .35 - —
Chlorine,[2,5,6] liquid, cyls., c.l. lb. .05¼- —
contracts[6] lb. .05½- —
l.c.l. lb. .07¼- —
tanks, single units, works, frt. equald. 100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald. 100 lbs. 2.00 - —
2, wks. frt. equald. 100 lbs. 2.50 - —
1, wks., frt. equald. 100 lbs. 3.00 - —
Chloroform, tech., dms. lb. .20 - .23
USP, dms. lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld. lb. .80 - —
100-lb. cyls., same basis. lb. .82 - —
25-lb. cyls., ex whse. lb. 1.00 - —
1-lb. bots., ex whse. lb. 1.25 - —
Choline chloride, fib. dms. lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms. lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs. lb. .07½- —
7½%, bbls., cs. lb. .06⅞- —
Cake, bulk, c.l., works. ton. 16.00 - —
Chrome ore,[1] residue, paper bgs., c.l., works. ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots. lb. 6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs. lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs. oz. .80 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs. oz. .62 + .13½*
large cryst., cns., 100 ozs. oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs. oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots. lb. 3.70 - 3.80
dms. lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms. lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls. lb. .53 - .53½
No. 2, bls. lb. .52 - .53
chips, bgs. lb. .56 Nom.
Citral, bots., cns. lb. 2.85 - 4.75
Citrine ointment, jars. lb. .91 - 1.11
Citronellal, bots., dms. lb. 2.75 - 3.25
Citronellol, bots., dms. lb. 6.00 - 7.00
Cloves,[1] Madagascar, futures, bls. lb. .16¼- .16⅝
Zanzibar, futures, bgs. lb. .16¼- .16⅝
Clover tops, red, bgs. lb. .55 - .60
Coaltar,[6] coal-gas, crude, bbls., c.l., works. bbl. 8.25 - —
l.c.l., works. bbl. 8.75 - —
tanks, works. gal. .07½- —
refd., bbls., c.l., works. bbl. 8.75 - —
l.c.l., works. bbl. 9.25 - —
tanks, works. gal. .08½- —
water-gas, crude, dms., c.l., works. bbl. 8.25 - —
l.c.l., works. dm. 8.75 - —
refd., dms., c.l., works. dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .33¾- —
feed grade, 49.5% Co., kgs. lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.53 - —
feed grade, 23% Co., kgs. lb. 1.85 - —
Chloride, kgs., works. lb. .87½- —
feed grade, 24.5% Co., kgs. lb. 1.25 - —
Hydrate,[6] bbls. lb. 2.04 - —
feed grade, 62% Co., kgs. lb. 2.25 - —
Linoleate, paste, 5%, dms. lb. .32 - .35
solid, 8½%, dms. lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms. lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs. lb. 1.25 - —
Oleate, bbls. lb. .44 Nom.
Oxide,[6] black, kgs. lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs. lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms. lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms. lb. .42 - .44
Sulphate,[3] dms. lb. .65 - —
feed grade, 21% Co., kgs. lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs. lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns. oz. 9.75 - —
Cochineal, gray, bgs. lb. .37 - .38
silver, Teneriffe, bgs. lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt. lb. .25 - —
Cocillana bark, bgs. lb. .24 - .26
Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls. lb. .18 - .20
blue, bls. lb. .21 - .22
Colchicine, bots., cns. oz. No stocks
Cochicum seed. lb. No stocks
Collodion, USP, dms. lb. .19½- .20¼
cns. lb. .23 - .29½
flexible, USP, dms. lb. .21 - .22
cns. lb. .25 - .31
Colocynth pulp, bls. lb. .55 - .60
Colombo root, bls. lb. .19 - .20
Coltsfoot leaves, bgs. lb. .90 - 1.00
Condurango bark, bgs. lb. .12 - .15
Copaiba balsam, Peru, cns. lb. .47 - .49
S. A., USP, cns. lb. .50 - .52
Copper acetate,[6] cupric, bbls., works. lb. .25¼- —
smaller containers, wks. lb. .27 - —
Carbonate,[6] 52-54%, bbls. lb. .19½- .20¼
Chloride,[6] anhyd., bbls. lb. .22½- .23
crystals, bbls. lb. .14¾- .17
Cyanide,[6] tech., bbls. lb. .34 - .38
Iodide, bots. lb. 5.15 - 5.19
Metal,[1,3,6] electrolytic. lb. .12 - .12½
Naphthenate,[6] 6%-8% Cu, 50-gal. dms. lb. .15 - .17
Nitrate,[6] tech., cryst., bbls. lb. .19¼- .20¼
Oleate, precip., bbls. lb. .22½- .28⅛
Oxide,[6] black, bbls., works. lb. .19 - .20
red, com'l, bbls. lb. .21¼- .24⅛
Oxychloride-sulphate,[6] bgs. lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms. lb. .15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works. 100 lbs. 5.00 - —
7,200 to 36,000 lbs. 100 lbs. 5.15 - —
2,700 to 7,200 lbs. 100 lbs. 5.25 - —
700 to 2,700 lbs. 100 lbs. 5.50 - —
monohydrated, bgs., in dms., c.l., dlvd. 100 lbs. 9.95 - —
l.c.l., same basis. 100 lbs. 10.95 - —
Copperas, cryst., gran., bgs., c.l., works. ton. 17.00 - —
bbls., c.l., works. ton. 20.00 - —

SPOT DELIVERIES

HEAVY CALCINED MAGNESIA

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MENTHOL Not USP

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Copperas, cryst., gran., bgs., l.c.l., 25, works....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13¼ Nom.
Cornsilk, bls.....lb. .24 - .25
Corn sugar, tanners,[6] chipped, bgs., c.l., divd..100 lbs. 3.905 - —
slabs, bbls., c.l.....100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l....100 lbs. 4.221 - —
43°, bbls., c.l.....100 lbs. 4.271 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .17 - .18
Cottonseed hull ash, 32-36% pot-ash, bgs., divd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls. ,5,000 lbs, one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs.....lb. .58½- —
Creosote carbonate, bots., cbys. lb. 2.10 - 2.39
Coaltar, oil,[2] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys.....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald. lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾

Cresol, USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l...100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .26
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½- —

Cyclohexanone, 98-100%, tanks, frt. alld E..lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., divd., gal. .27 - —

D

Dandelion root, bls.....lb. .37 - .40
Decanol,[6] normal, tech., dms., divd..lb. .35 - —
Deertongue, bls.....lb. .42 - .48
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls...lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .14 - .15
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs, c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).

Diamyl phthalate,[6] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2640- .2500
7-gal. cns., same basis..lb. .2640- .2100
dms., c.l., same basis....lb. .2060- .2350
l.c.l., same basis.....lb. .2240- .2500
tanks, same basis.....lb. .1900- .2250
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., divd.....lb. .30½- —
l.c.l., divd.....lb. .31 - —
Phthalate,[6] dms., c.l., divd..lb. .2025- .2120
l.c.l. .....lb. .2076- .2170
tanks .....lb. .1926- .2050
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., c.l., wks. lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .12½- .13
Dimethyl phthalate,[6] dms., c.l., divd..lb. .1875- —
l.c.l., divd.....lb. .1925- —
tanks, divd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol).
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms...lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., tons, divd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .45 - —
single dist., dms., divd. E..gal. .55 - .58
tanks, divd. E.....gal. .52 - —
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .85 - —
smaller lots.....lb. .86 - .97
Divi-divi,[6] according to tanning content, bgs..ton.64.00 -68.00
Doggrass root, imp., cut, NF, bls..lb. .45 - .50
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls..lb. .06 - .10
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs and cosmetics)—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1 cns. lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
Dyes, coaltar (certified colors for drugs and cosmetics)—
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns...lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —

The right key to your research, process development, or production problem may be Baker & Adamson's Red Fuming Nitric Acid.

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Dyes, coaltar (certified colors for external use, drugs and cosmetics—

Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.25 - —
Ext. D&C red, No. 3, cns..lb.12.35 - —
Ext. D&C red, No. 6, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses[6] (numbers are those of Colour Index scale)—

36 Chrome yellow, 2G....lb. .66 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .90
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.90
188 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet B..lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
461 Developed black BHN, lb. .45 - .60
408 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
541 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow...lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Black—
865 Nigrosin derivatives..lb. .36 - .44
Blue—
7075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
238 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black—
246 Naphthol blue black S.., lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
708 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
186 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .98 - —
Yellow—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
656 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Black—
864 Nigrosin .....lb. .36 - .44
Blue—
660 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Green—
637 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —

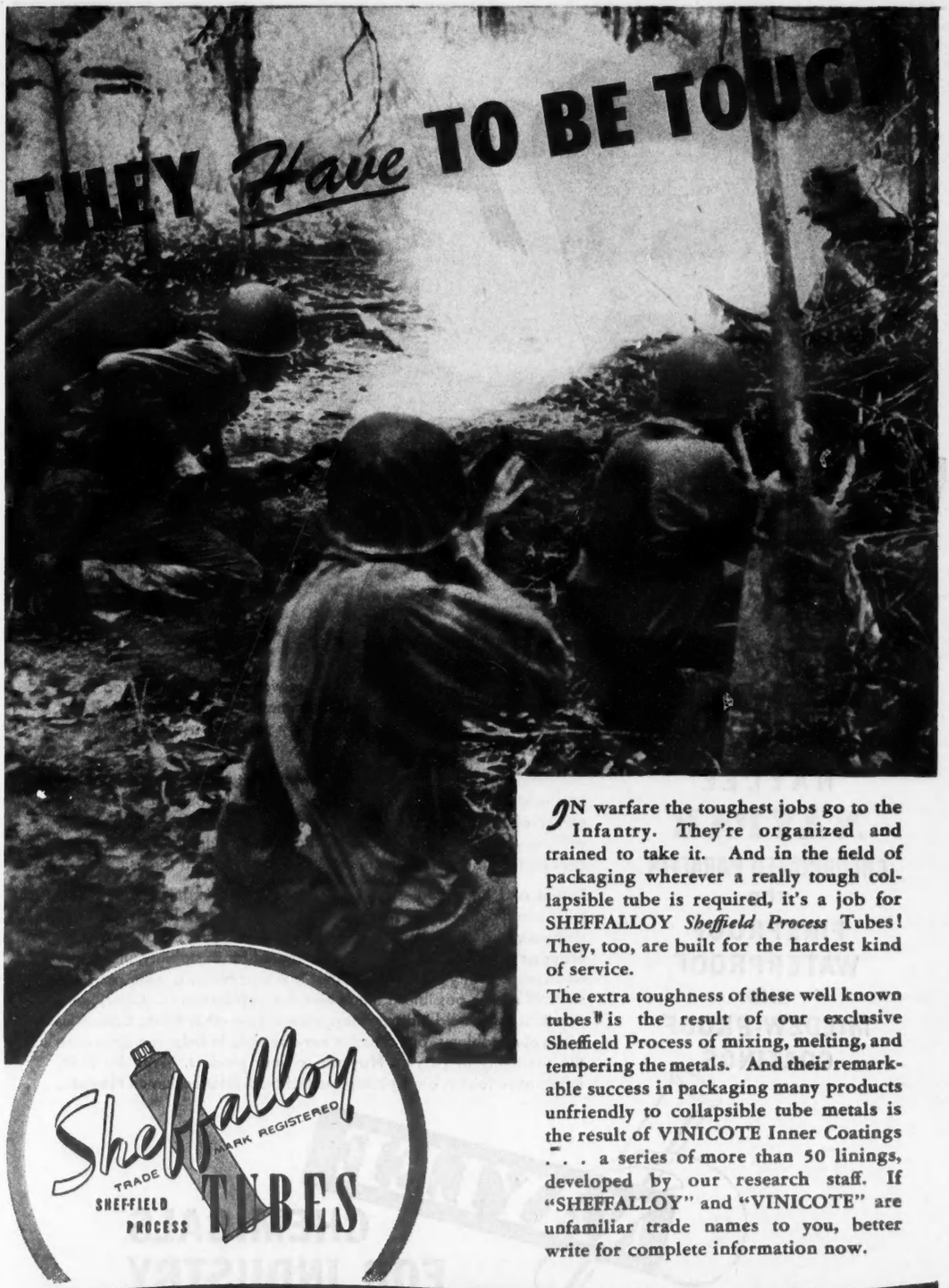
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .80 - .85
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.00 - 1.15
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .55 - .60
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..ozs. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
Ephedrine, synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs., oz. .65 - —
Ephedrine, hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Ergot, USP, dms.....lb. 1.30 - 1.40
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .98 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb.cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½ - —
l.c.l., works.....lb. .15½ - —
tanks .....lb. .12½ - —
Ethyl acetate,[2,6] 85-90%, dms., c.l., frt. alld..lb. .1170- .1275
l.c.l., frt. alld.....lb. .1220- .1335
tanks, frt. alld.....lb. .1070- .1175
Ethyl acetate, 95-98%, dms., c.l., frt. alld..lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .97½- —
l.c.l., frt. alld.....lb. .99 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .93 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, ons.....lb. 3.25 - 3.65
Formate, dms., f.o.b. Agnue, Calif..lb. .30 - .33
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .32½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., l.c.l., works...lb. .47 - —
Oxalate, dms., frt. alld.....lb. .29 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .80 - —
smaller lots, same basis....lb. .83 - .85
Ethyldiethanolamine, dms., l.c.l., works..lb. .30 - —
Ethylene dichloride,[2] dms., c.l., works, E. of Rockies, frt. alld..lb. .0942- —
West of Rockies, same basis..lb. .0991- —
l.c.l., works, E. of Rockies, same basis..lb. .0991- —
West of Rockies, same basis..lb. .1041- —
tanks, E. of Rockies, same basis..lb. .0742- —
West of Rockies, same basis..lb. .0792- —
Trichloride (see Trichloroethane).
Ethyleneglycol,[2,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —



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Monobutylether,[6] d m s., c.l., works..lb. .17½ - —
l.c.l., works..lb. .18½ - —
tanks, works..lb. .16½ - —
Monoethylether,[6] d m s., c.l., works..lb. .15½ - —
l.c.l., works..lb. .16½ - —
tanks, works..lb. .14½ - —
Monoethylether acetate, dms., c.l., works..lb. .13½ - —
l.c.l., dms..lb. .14½ - —
tanks, works..lb. .12½ - —
Monomethylether,[6] d m s., c.l., works..lb. .16½ - —
l.c.l., works..lb. .17½ - —
tanks, works..lb. .15½ - —
Ethylethanolamine, d m s., c.l., works..lb. .57 - —
l.c.l., works..lb. .60 - —
Ethylidinanilin, dms..lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine, hydrochloride, bots..oz. 10.50 - 10.75
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 5.25 - —
smaller lots..lb. 5.90 - 5.40
Eucalyptol, cns., dms..lb. 2.50 - 3.00
Eucalyptus leaves, bls..lb. .10 - .18
Eugenol, cns., dms..lb. 2.65 - 3.25
Euphorbia, bls..lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton. 14.00 - 17.50
bgs., min., 2 tons..ton. 17.00 - 20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton. 12.75 - 16.25
pottery, bulk, c.l., works..ton. 17.00 - 19.00
l.c.l., bgs., min. 2 tons..ton. 20.00 - 22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs..lb. .16½ Nom.
Fenugreek seed, domestic, bgs..lb. .20 - .20½
Indian, bgs..lb. No stocks
Morocco, bgs..lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton. 35.00 - —
l.c.l., same basis..ton. 40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½ - —
smaller lots, works..lb. .16 - —
water white, cs., 50 lbs. or over, works..lb. .14½ - —
smaller lots, works..lb. .17 - —
Fir, balsam, Canada, cns....gal. 16.50 - 17.00
Oregon, bbls..gal. 2.85 - 2.80
Fisherberries, bgs..lb. .2s - .34
Fishoils (see Oil, fishliver).
Fishmeal,[2] grd., 60% protein, bgs., E. works..ton. 72.50 - —
65% protein, same basis..ton. 78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton. 66.50 - —
Flake white, bbls..lb. .09 - —
kegs..lb. .11 - —
Fleaseed, French type, black, bgs..lb. .62 - .64
Indian, blonde, bgs..lb. .11½ - .14
Fluorspar, No. 1, ground, 96-98% CaF_2, bulk, c.l., mines, net ton. 37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton. 33.00 - —
65%, mines..net ton. 32.00 - —
60%, mines..net ton. 31.00 - —
less than 60%, mines..net ton. 30.00 - —
Formaldehyde,[1,6] bbls., c.l., works..lb. .0520 - —
l.c.l., works..lb. .0570 - —
dms., extra, c.l., works..lb. .0460 - —
l.c.l., works..lb. .0510 - —
tanks, works..lb. .0320 - —
tanktrucks, dlvd., N.Y.C..lb. .0345 - —
Fringetree bark, bls..lb. .60 - .70
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines..ton. 8.50 - 15.00
Tex. mines..ton. 12.50 - —
spent, bulk, Bayonne..ton. 3.00 - —
Chicago..ton. 4.00 - —
imp., bgs., c.l..ton. 30.00 - 40.00
Furfural,[6] ref., dms., c.l., works..lb. .15½ - —
dms., cns., l.c.l., works..lb. .18 - .23½
tech., dms., c.l., works..lb. .13 - —
l.c.l., dms., cns..lb. .15½ - .20½
tanks, works..lb. .09½ - —
Fusel oil, crude, dms., works..gal. .75 - —
refd., dms., dlvd..lb. .18½ - .19½
Fustic, cryst., No. 1, bbls..lb. .32 - —
No. 2, bbls..lb. .30 - —
No. 3, bbls..lb. .28 - —
extract, No. 1, bbls..lb. .16 - —
No. 2, bbls..lb. .15 - —
No. 3, bbls..lb. .12½ - —

G

G salt, bbls..lb. .45 - —
Galangal root, bls..lb. .24 - .25
Gambier, cube, Singapore, cs., bgs..lb. No stocks
extract, bbls..lb. No stocks
Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05¾ - —
Bayonne, 70-74 oct., tanks..gal. .0975 - —
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05¾ - .06½
Group 3, 70-74 octane, tanks, gal. .06½ - .06¾
natural, 26-70, tanks..gal. .04¾ - .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05¾ - .06
Pennsylvania, western, U. S. motor, 70-74 octane, leaded, tanks..gal. .07¾ - .0895
Gelatin, silver, label, ctns., dlvd..lb. .90 - .97
export, cases..lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Gelsemium, root, bls..lb. .28 - .35
Gentian root, bls..lb. .41 - .42
grd., bbls., bxs..lb. .46 - .47
powd., bbls., bxs..lb. .47 - .48
Geraniol, 92-96%, cns., dms...lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs..lb. .26½ - .27
Cochin, bleached, bgs..lb. .27½ - .28
unbleached, bgs..lb. .23¼ - .24
Jamaica, No. 1, bgs..lb. .26 - .26½
No. 2, bgs..lb. .24½ - .25
No. 3, bgs..lb. .23½ - .24
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works, 100 lbs. 1.15 - 1.35
less than 5 tons, works, 100 lbs. 1.25 - 1.45
Glue, bone,[6] producers', calcium type, 24 millipoise, 35 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½ - —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½ - —
Producers' bone glue l.c.l. prices 1c. over c.l.
Hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd..lb. .15 - .22½
150-177, bgs., c.l., dlvd..lb. .16 - .23½
178-206, bgs., c.l., dlvd..lb. .17 - .24½
207-236, bgs., c.l., dlvd..lb. .18 - .25½
237-266, bgs., c.l., dlvd..lb. .19 - .26½
267-298, bgs., c.l., dlvd..lb. .20 - .27½
299-330, bgs., c.l., dlvd..lb. .21 - .28½
331-362, bgs., c.l., dlvd..lb. .22 - .29½
363-394, bgs., c.l., dlvd..lb. .23 - .30½
395-427, bgs., c.l., dlvd..lb. .24 - .31½
428-460, bgs., c.l., dlvd..lb. .25 - .32½
461-494, bgs., c.l., dlvd..lb. .26 - .33½
495-529, bgs., c.l., dlvd..lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls., ½c. over bags.
Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼ - —
soaplye, 80%, tanks..lb. .10 - —
dynamite, dms., c.l..lb. .14½ - —
l.c.l..lb. .15 - —
tanks..lb. .14¼ - —
high gravity, dms., c.l..lb. .14½ - —
l.c.l..lb. .15 - —
tanks..lb. .14¼ - —
ref., USP, CP, 95%, dms., c.l., lb. .15½ - —
l.c.l..lb. .16¾ - —
tanks..lb. .15 - —
B.P., 98%, dms., c.l..lb. .15¾ - —
l.c.l..lb. .16¼ - —
tanks..lb. .15½ - —
yellow, distilled, dms., c.l...lb. .14⅜ - —
l.c.l..lb. .14⅞ - —
tanks..lb. .14¼ - —
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins..lb. 1.25 - 1.30
Glycol boriborate, dms..lb. .22 - —
Stearate, dms..lb. .26 - —
Gold of pleasure seed, bgs...lb. No stocks
Gold chloride, acid-brown, bots., oz. 20.75 - 21.00
acid-yellow, bots..lb. 18.75 - 19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
USP IX, bots..oz. 14.50 - 14.75
Goldenseal, root, bls..lb. 7.25 - 7.50
powd., bxs..lb. 7.50 - 7.75
Grains of Paradise, bgs..lb. .30 - .37
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., basis lb. .04½ - —
70-75%, bgs., same basis lb. .05 - —
75-80%, bgs., same basis lb. .05½ - —
80-85%, bgs., same basis lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,5] house, loose..lb. .08¼ - —
white, choice, loose..lb. .08⅝ - —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis..lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis..lb. .25 - —
20%, bbls., same basis..lb. .25½ - —
21-25%, bbls., same basis..lb. .26 - —
26-30%, bbls., same basis..lb. .26½ - —
31-35%, bbls., same basis..lb. .27½ - —
36-40%, bbls., same basis..lb. .29 - —
41-45%, bbls., same basis..lb. .30½ - —
46-50%, bbls., same basis..lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾ - —
9-10%, bbls., same basis..lb. .07½ - —
11-13%, bbls., same basis..lb. .08 - —
14-16%, bbls., same basis..lb. .08¼ - —
17-19%, bbls., same basis..lb. .08½ - —
20-21%, bbls., same basis..lb. .08¾ - —
22-23%, bbls., same basis..lb. .09 - —
24-25%, bbls., same basis..lb. .09¼ - —
26-27%, bbls., same basis..lb. .09½ - —
28-29%, bbls., same basis..lb. .10 - —
30-31%, bbls., same basis..lb. .10½ - —
32-33%, bbls., same basis..lb. .12 - —
34-35%, bbls., same basis..lb. .13 - —
36-40%, bbls., same basis..lb. .14 - —
41-45%, bbls., same basis..lb. .17 - —
46-50%, bbls., same basis..lb. .17½ - —
51-55%, bbls., same basis..lb. .18 - —
56-60%, bbls., same basis..lb. .18½ - —
61-65%, bbls., same basis..lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis..lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....m. 3.00 - —
emerald, kgs....lb. 2.00 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls..lb. .18 - .19
Guaiac resin, cs..lb. .43 - .49
Wood, bls..lb. .05 - .06

FIRE!

The Most Terrifying of All Cries

NAYLEE
NAYPAR
CHLORINATED PARAFFIN
FOR
FIREPROOF
WATERPROOF
AND
MILDEW-PROOF
COATINGS

Heartrending loss of life and needless waste of matériel need NOT happen because of dangerous inflammable textiles. Particularly in places where people congregate, every precaution should be taken to prevent the danger of fire.

The need for fabric treated so as to render it resistant to fire, water, and mildew became acute when the war broke out. Now, in every corner of the globe, canvas, duck, and other textiles, impregnated with Naylee **Naypar** Chlorinated Paraffin is helping to save many lives and millions of dollars in matériel for our armed forces.

Tested and approved—successfully used in the impregnation along with other pigments of millions of yards of materials, **Naypar** has demonstrated its dependability under the most trying conditions. Now, **Naypar** is ready to do a job for you—noted for its stability, uniformity and compatibility and the fact that it is miscible in a wide range of solvents makes possible a much broader application for Chlorinated Paraffin. This would indicate many new uses in other fields. Consult us with your problems, our chemists may be able to help you determine the suitability of Naylee **Naypar** to your product. Write for FREE, informative folder, giving complete technical information on **Naypar**.

CHEMICALS FOR INDUSTRY

NAYLEE CHEMICAL COMPANY

MILNOR ST. & ROBBINS AVE. PHILADELPHIA 35, PA.

(Warehouses from Coast to Coast)

OPD—12-4-1944

"I'll tell you what I'd like for Christmas, mister"

"This sounds like the old days when I used to hint to the folks about the things I wanted — like the electric razor that made me feel so grown-up just to think about!

"But this year — well, what I want comes in an awfully big package. What I want — and all the fellows I'm teamed-up with, too — is to see a few more B-29's around these parts!

"Yes, a B-29 costs a hell of a lot of money. $600,000, they tell me! But you ought to see what one of those babies can do to the plenty-tough guys in front of us! And I'd hate to tell you what it costs *not* to have that kind of help. It costs — well, the way we reckon costs around here is in how many kids won't make the trip back home."

★

Let's forget that a War Bond is the safest investment in the world. Let's forget, even, that the more War Bonds you buy the more you help curb inflation, and build a firmer future for all of us. Let's remember only one thing: this war is far from over; the war in the Pacific is one of tremendous distances — and correspondingly great costs; yet a brutal adversary that is fighting savagely every inch of the way must be defeated. Let's help the boys who have *that* job to do by doing *our* job with War Bonds. Help shorten the war—with an *extra* Bond today.

Reprints of the above message, for poster use, will be gladly furnished without charge.

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK 20, N.Y.
TRI-SURE PRODUCTS LIMITED, ST. CATHARINES, ONTARIO, CANADA

Guaiacol, carbonate, fb. dms..lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs...lb. .11½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55⅝- —
31, bgs., same basis...lb. .21½- —
32, bgs., same basis...lb. .15⅝- —
33, bgs., same basis...lb. .14 - —
34, bgs., same basis...lb. .09½- —
35, bgs., same basis...lb. .15⅝- —
36, bgs., same basis...lb. .12½- —
37, bgs., same basis...lb. .18½- —
38, bgs., same basis...lb. .12½- —
39, bgs., same basis...lb. .10⅝- —
40, bgs., same basis...lb. .08 - —
41, bgs., same basis...lb. .11⅝- —
unsorted, No. 1, bgs., same basis..lb. .14⅜- —
2, bgs., c.l., same basis..lb. .12⅜- —
3, bgs., c.l., same basis..lb. .11½- —
FAD, bgs., c.l., same basis..lb. .14⅜- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis..lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis...lb. .06½- —
nubs and chips, same basis..lb. .05¾- —
Gum, copal, E. I., black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped.....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅝- —
chips, same basis...lb. .11½- —
dust, same basis.....lb. .06½- —
nubs, same basis...lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .23⅝- —
chips, same basis....lb. .11⅝- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16⅜- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07⅜- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis...lb. .11⅝- —
Manila, Boeas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .13½- —
dark, light, same basis.lb. .14½- —
white, same basis.....lb. .15½- —
loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13⅜- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12⅜- —
DBE, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅝- —
dust, same basis.....lb. .07⅜- —
MB, same basis.....lb. .09¾- —
WS, same basis.....lb. .11⅜- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis lb. .15½- —
dust, same basis.....lb. .07⅜- —
whse., entry point, c.l. lb. .08⅞- —
Gum, copal, Philippine,[1] Manila, extra bold, pale, scraped, bskts., same basis..lb. .15 - —
sorts, same basis.....lb. .12⅜- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis.lb. .13⅜- —
seeds, dust, same basis...lb. .08⅜- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅜- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅝- —
mixed, same basis.....lb. .17⅝- —
chips, small, same basis..lb. .12⅜- —
cuttings of split, same basis. lb. .19⅛- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35⅜- —
A/C, same basis.....lb. .31¼- —
A/D same basis.....lb. .28⅜- —
A/E, same basis.....lb. .25⅝- —
B, same basis.....lb. .34⅜- —
C, same basis.....lb. .28⅜- —
D, same basis.....lb. .25⅝- —
E, same basis.....lb. .18⅜- —
F, same basis.....lb. .13⅜- —
dust, same basis.....lb. .13⅜- —
Singapore,[1] No. 1, cs., c.l..lb. .30⅝- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis.lb. .12⅝- —
chips, cs., same basis....lb. .25½- —
dust, bgs., same basis....lb. .15 - —
seeds, cs., same basis....lb. .17⅜- —
Gum dammar, l.c.l., prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09⅝
Ester, gum rosin type,[1] dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .11½- —
Gum, ester, dms., c.l., other points, dlvd..lb. .12 - —
l.c.l., dlvd. Ill., Ind., etc., lb. .11⅝- —
other points, dlvd.....lb. .12⅝- —
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .15 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis...lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis...lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20⅜- —
extra, same basis.....lb. .25½- —
dust, pale, same basis...lb. .20⅝- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65⅝- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .65 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, sittings, cs.....lb. .11½- .12
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .99½- —
Scammony, cs.....lb. 1.30 - 1.35
Talba, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

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Inventory on your own premises can be used as a basis for bank credit. Douglas-Guardian Field Warehousing immediately converts drugs or chemicals in your possession—(raw material or finished merchandise)—into collateral that is good for a bank loan.

You can readily see the advantages of having your inventory right on your own property—yet almost as liquid, for credit purposes, as listed securities.

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PORTLAND, ORE. • ROCHESTER, N. Y. • SPRINGFIELD, MASS. • PHILADELPHIA • TAMPA, FLA. • SPRINGFIELD, MO.

H

Hawthorn berries, bgs.....lb. .57 - .66
Hellotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. .80 - .90
Henna leaves, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .22 - .28
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10⅝- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.20.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastics (see Goldenseal).
Hydrofuramide, dms., fb., cns., works..lb. .30 - .40

Hydrogen peroxide,[6] USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18¾
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.50.00 -70.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N. F., bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16¾- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¾- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd.....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd...lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.90 - 6.00
cryst., bbls., works, frt. alld. lb. .08½- .04
kgs., works, frt. alld..lb. .04 - .04½
USP X, cryst., lump, bbls..lb. .07½- —
dms.....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb. .10 - —
Citrate, USP VIII, gran., dms. lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .53
Naphthenate,[6] 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .63 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black, iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms.....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - 1.00
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isoeugenol, cns., works.....lb. 4.05 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .37 - .38
powd., bbls., bxs.....lb. .44 - .45
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs....lb. .70 - .85

K

Kamala, tins.....lb. .40 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. .04½- .04¾
Bayonne, 41-43 w.w. tank... gal. .07¼ - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Tex., 42-44 w.w., tanks. gal. .04⅝- .04¾
Penn., 45 w.w., tanks....gal. .065 - .075
46 w.w., tanks.....gal. .0775- .0895
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.55 - 1.70
Lanolin (see Adeps lanae).
Lard,[1,6] pure, ref., tres.....lb. .15½- —
Chicago.....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .25 - .26
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .17½- .18½
Turkish, bls.....lb. .30 - .31
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,6] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13½- —
Arsenate,[1,6] paste, standard, cns., c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l.....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
l.c.l.....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l.....lb. .18½- .23½

Lead arsenate, powd., standard, ½-lb. ctns., c.l.....lb. .21 - .25
l.c.l.....lb. .21½- .26½
Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev. N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars.....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metallic paste, works.....lb. .19¾- .21½
Naphthenate, 24%-30% Pb 50-gal. dms..lb. .14¼- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .38 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —

Lead, dry, 95% or less Pb_3O_4, bbls., l.c.l., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc. lb. .10¼- —
Ariz., etc.....lb. .10⅜- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., etc..lb. .10⅜- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10⅝- —
other points.....lb. .10¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10⅝- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.3% Pb., 100-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb., 50-gal. dms. lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, white, basic sulphate).

Lead, tallate, 10% Pb., 60-gal. dms..lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11¾- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd., other points..lb. .08½- —
l.c.l., dlvd. Ariz., etc..lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs.....lb. .13¾- .13¾
dealers, 100-lb. kg.....lb. .11¼- .11½
painters, 100-lb. kg.....lb. .12¼- .12½
Lecithin, edible, dms., c.l.....lb. .25¼- —
l.c.l.....lb. .26½- .45
in cocoa butter, dms., c.l....lb. .33¾- —
l.c.l.....lb. .40¾- .59
pure vegetable, bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .25¼- —
l.c.l.....lb. .26½- .45
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls.....lb. .12 - .14
powder, bbls.....lb. .18 - .20
Russian, bls.....lb. .12 - .13
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —

RCI CHROME GREENS

• Speed Formulation
• Make Better Paints

MATCHLESS FOR EASE OF GRINDING PERMANENCE UNIFORMITY

C. P. FERNDALE GREENS	C. P. NEPTUNE GREENS
Blue Tint	Yellow Tint
No. 3000—Extra Light	No. 3040
No. 3005—Light	No. 3041
No. 3010—Medium	No. 3042
No. 3020—Dark	No. 3043
No. 3030—Extra Dark	No. 3044

Ferndale and Neptune Series are designed for *maximum* speed of formulation. At any masstone depth, Ferndale may be mixed with Neptune to obtain *exact tint* without change of masstone.

Write direct to the Sales Department in Detroit for samples and formulation suggestions.

ARMY E NAVY

RCI

REICHHOLD CHEMICALS, INC.

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CHEMICAL COLORS • SYNTHETIC RESINS • INDUSTRIAL PLASTICS • INDUSTRIAL CHEMICALS

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
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Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
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Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
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Riverton, Va.....ton. 7.00 - —
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Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
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Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 9.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton. 10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potonkey, Mich.....ton. 9.00 - —
Port Island, Mich:..ton. 9.00 - —
Rapid City, S. D...ton. 12.00 - —
Ripplemead, Va.....ton. 9.00 - —
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San Francisco, Cal...ton. 10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b., Adams, Mass..ton. 9.50 - —
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Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton. 11.00 - —
Farnams, Mass.....ton. 10.00 - —
Gibsonburg, Ohio....ton. 11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Ohio.....ton. 11.00 - —
Scioto, Ohio.....ton. 10.00 - —
Woodville, Ohio.....ton. 11.00 - —
York, Pa.....ton. 9.50 - —

Lime salts (see Calcium).

Lime-ammonia-nitrogen,[6] 20.5% N (See Ammonia, Nitrate, Limestone).

Linalool, cns.....lb. 6.75 - 7.00

Linalyl acetate, cns.....lb. 3.25 - 8.75

Linden flowers with leaves, bls.. lb. .90 - 1.00

Linseed meal,[1] 34%, bulk, c.l.ton. 45.00 - —
32%, bulk, c.l.....ton. 43.00 - —

Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09⅝- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Rockland, Me.....ton. 10.00 - —

Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95

Carbonate, NF., 250-lb. bbls., kgs..lb. 1.25 - 1.30

Chloride, jars.....lb. 1.65 - 1.70

Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45

Fluoride, bbls.....lb. 2.45 - 2.60

Hydroxide, jars.....lb. 1.25 - 1.40

Iodide, 5-lb. bots.....lb. 5.20 - —

25-lb. jars.....lb. 5.05 - —

Stearate, fib. dms., 3 tons, works..lb. .50 - —

Lithopone,[1] ordinary, bgs. (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —

Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.

Liverwort leaves, bls.....lb. .95 - 1.00

Lobelia herb, bls.....lb. 1.00 - 1.05

Lobeline sulphate, bots., wks.oz. 25.50 -38.00

Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —

Lovage (ligusticum actae folium) root, dom., bls..lb. 1.20 - 1.50

Lupulin, NF, tins.....lb. 8.00 -10.00

Lycopodium, USP, cs.....lb. 2.75 - 3.00

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56

Madder, Dutch, bbls.....lb. .24 - .30

Magnesia arsenate,[1,6] dms.....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¾- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —

Magnesium carbonate, tech., Zone 2, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .06½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¼- —
bbls.....lb. .09¼- —
kgs.....lb. .10½- —

Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.

Chloride, anhyd., bbls., dlvd..lb. .12¾- —
flake, bbls., c.l., works....ton. 32.00 - —
l.c.l., works.....ton. 39.00 -42.00

Fluoride, bbls.....lb. .40 - .50

Hydroxide, med., bbls., dms., kgs..lb. .29 - .30

Hypophosphite, cns.....lb. 1.45 - —

Laurate, bbls.....lb. .33 - .35

Oxide (see Magnesia, calcined).

Peroxide, 15%, dms., works...lb. 1.00 - 1.35

Phosphate, tribasic, USP, bbls., lb. .60 - —

Silicate (see Talc).

Silicofluoride, bbls.....lb. .08 - .09

Stearate, bbls.....lb. .31 - .32

Sulphate (see Epsom salt).

Magnesia trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —

Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton. 58.75 - —

dead-burnt[1] bulk, c.l., f.o.b. Chewelah, Wash..ton. 22.00 -32.00

Maleic anhydride[6] drs., c.l.....lb. .25 - —
l.c.l.....lb. .26 - —

Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks

Manaca root, bls.....lb. .38 - .40

Mandrake root, bls.....lb. .23 - .24

Manganese acetate, dms.....lb. .25½ - —

Arsenate,[6] bgs.....lb. .12 - .12¾

Borate, tech., bbls.....lb. .16 - .18

Carbonate, bbls.....lb. .19 - —

Chloride, anhyd., bbls.....lb. .15 - .18

Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works ton. 74.00 - —
5-15 tons, works..ton. 77.00 - —
smaller lots, works.ton. 82.00 - —

Caucasian, 85-90%, bbls., c.l., works..ton. 74.00 - —
l.c.l., 5 tons, works..ton. 77.00 - —
smaller lots, works..ton. 82.00 - —

burlap bgs., c.l., works, ton. 71.75 - —
l.c.l., 5 tons, works..ton. 74.75 - —
smaller lots, works..ton. 79.75 - —

paper bgs., c.l., works..ton. 70.00 - —
l.c.l., 5 tons, works..ton. 73.00 - —

Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —

Hydrate, bbls., dlvd.....lb. .26 - —

Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —

Manganese linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —

Naphthenate, 6% Mn, 50-gal. dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .16½

Soyate, 8.2% Mn, 50-gal. dms. lb. .22 - —

Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 36%, $MnSO_4$, bgs., c.l., dlvd. East..ton. 50.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton. 68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¾

Tallate, 4% Mn, 50-gal. dms.lb. .09 - —

Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account..ton. 65.00 -68.00

Manna flake, cs.....lb. No stocks

Mannitol,[6] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .35 - —

Manure, sheep, bgs., c.l., Midwest shipping points..ton. 14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton. 17.50 -25.00

Marjoram, Argentine, bls....lb. .29 - .30
California, French type, bls., f.o.b. Pacific Coast..lb. .47 - .48

Chilean, bls.....lb. .28 - .29

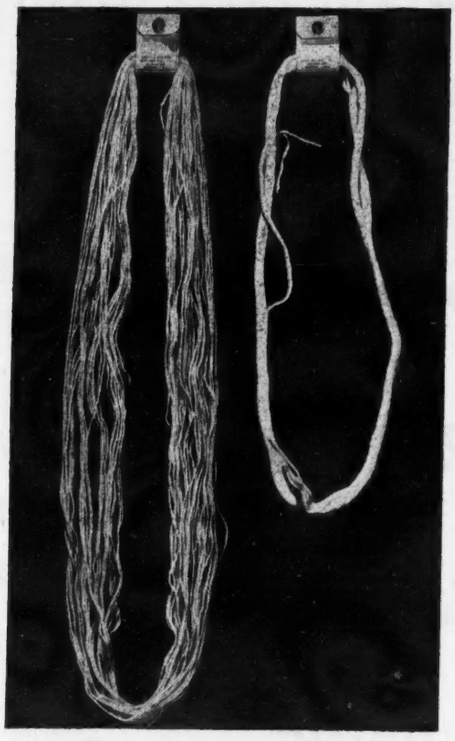
Matico leaves, bls.....lb. .22 - .29

Menthol, tech., synth., cns....lb. 5.00 - 6.00

USP,[1] natural, cns.....lb. 13.50 -14.00
synth., cns.....lb. 13.00 - —
racemic, cns.....lb. 8.60 - 9.15

(Right) **OVER THREE-QUARTERS OF A MILLION** yards of wool sleeping bag lining fabric were processed with LANASET for the U. S. Army Quartermaster Corps to control the shrinkage.

(Below) **TWO SKEINS OF WOOL** were given a severe washing test. Strands of untreated yarn literally fused together. LANASET-processed fibers showed no appreciable shrinkage, retained their original appearance.



LANASET, NEW MELAMINE RESIN, PROVIDES WOOL SHRINKAGE CONTROL

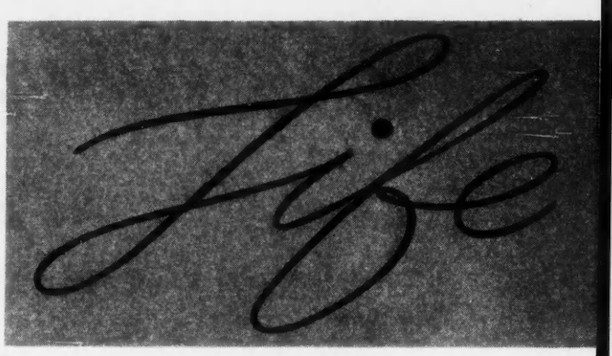
Control of wool shrinkage, long a problem to manufacturer and consumer alike, has now been achieved by use of a new product, developed and made available to mills and processors by Cyanamid research.

LANASET**, a synthetic resin derived from the chemical, melamine, and now being produced by Calco Chemical Division, American Cyanamid Company, is incorporated directly into the wool fiber to provide a permanent, stabilizing finish which permits repeated laundering and dry cleaning without appreciable shrinkage. It also reduces felting to a minimum, and prevents pilling and fuzzing of the wool.

Wool and blends of wool and rayon are processed for shrinkage control by passing the fabric through an aqueous bath containing LANASET, squeezed uniformly through a mangle, dried, and cured with heat. The resin treatment not only assures shrinkage control but protects the original characteristics of the wool as well.

LANASET has already been used by the U. S. Army and tested with great success by leading mills and finishers. Its application by the textile industry assures a broader use of wool in many types of wearing apparel, as well as new comfort and economy to the buyer.

**LANASET is the trade-mark of American Cyanamid Company applied to melamine resins of its manufacture for use in wool shrinkage control.



(Above) **BEFORE BEING WASHED,** these all-wool sweaters were identical in size material, and appearance, but the LANASET-treated wool changed ver little in size, did not felt or fuzz, and did not change in color.

Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10% tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs..lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red, precipitate).
tech. (see Red, mercury oxide)
yellow, NF VI, fib. dms..lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns.lb. 1.49 - 1.54
dms.....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,3,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.

Methanol, synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, dms., c.l., dlvd., lb. .0722- —
l.c.l., 10-dm. lots, dlvd...lb. .0647- —
single dms., dlvd.....lb. .0947- —
smaller cont., dlvd.....lb. .1447- —
hydrogenated, dms., c.l., dlvd., lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single dms., dlvd.....lb. .1347- —
smaller cont., dlvd.....lb. .1847- —

Methyl acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¾
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.

Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .84½- —

Natural methyl acetone quoted drums extra by Group B. Sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Methyl acetone, synthetic, dms., c.l., Zone 1..gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md.; Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis., Zone 2—Ala.; Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.35 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Oleate, dms., l.c.l.....lb. .35 - —
Lactate, dms., c.l., dlvd.....lb. No stocks
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l.....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l.....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l.....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l.....lb. .04½- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —
white, 1,000 mesh, bgs., c.l.. lb. .05¾- —
l.c.l.....lb. .06¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l.....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l.....lb. .05 - —
wallpaper, bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in carload lots is frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb. higher W. of Rockies.

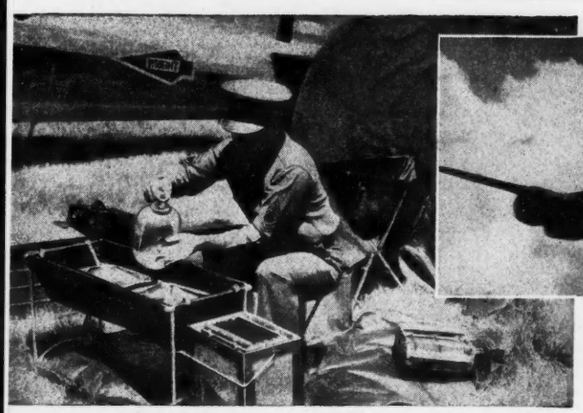
Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B., Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I. and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26¾- .27¼
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.00 - —

Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[5] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —



Official Photo U. S. Air Forces

(*Above*) **IN FRONT LINE PHOTOGRAPHY,** where finished prints are developed in these portable units a few minutes after films have been dropped by plane, Cyanamid's REDSOL* Crystals (Potassium Sodium Ferricyanide) are proving an effective replacement for formerly imported red prussiate of potash.

On The Chemical Newsfront

(*Above*) **STURDY, SANITARY PLASTIC TOPS** made of Cyanamid's moisture and stain-resistant MELMAC*, for thermostatically controlled hot food containers, supplied the Army Air Corps by The Tappan Stove Company, are made by The Watertown Manufacturing Company.

*Reg. U. S. Pat. Off.

(*Above*) **FOR COSMETIC AND SHAVING CREAMS** Cyanamid's Wetting Agent, AEROSOL* 18, particularly with minor proportions of AEROSOL OT, is an excellent emulsifier for both mineral and vegetable oils. Development quantities are now available to the drug and cosmetic industries.

AMERICAN CYANAMID AND CHEMICAL CORPORATION
(A Unit of American Cyanamid Company)
30 Rockefeller Plaza, New York 20, N. Y.

Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l. .....lb. .07 - .09
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .05 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .12 - .13
Mullein leaves, cns.....lb. .75 - —
Musk, nat., Tonquin, grains, bots. oz. 40.00 -45.00
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
Musk, synth., ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.05
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .16 - .16½
Montana, yellow, bgs.....lb. .12½- .13
Washington, yellow, bgs.....lb. .12½- .13
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance $1. Any difference for buyers' account..ton. 60.00 -63.00
crushed, same basis.....ton. 71.00 -75.00
J2, whole, bgs., same basis... ton. 51.00 -54.00

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers, and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton. 12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton. 16.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Neroline, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .36
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms. 50 lbs..lb. .6660- —
tins, 10 lbs.....lb. .1015- —
Nicotinamide,[6] dms.....kilo. 13.25 -13.55
Nikethamide, bots., cbys.....lb. 17.00 -18.00
Nitercake, bulk works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
5-7, 40-60 cps., same basis. lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen, solut.,[6] tanks...ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + 4.40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[3] Aleppo, bgs.....lb. .47 - .48
Chinese, bgs.....lb. .45 - .46
Nutmegs,[1] E. I., grinding, bgs., lb. .45 - .46
100's, bgs.....lb. .47 - .48
West Indian, No. 1, bgs....lb. .34 - .34½
Nux vomica, bls.....lb. .08½- .09
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S.....gal. .20 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —
Octanol, normal,[6] tech., 500-lb. dms., divd..lb. .85 - —
Oil, almond, bitter, artl. (see Bensaldehyde).
bitter, F.P.A.....lb. 4.50 Nom.
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb. 140.00-160.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,6] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 45-50%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb. 6.00 - 6.50
Brazilian, cns.....lb. 10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de Rose, Brazil, cns..lb. 4.50 - 4.75
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech, dms.....lb. 1.90 - 2.00
redistilled, USP X, cns....lb. 2.30 - 2.50
Calamus, cns.....lb. 22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb. 11.75 -12.00
rectified, cns.....lb. 13.25 -14.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb. 17.00 -20.00
Cardamom, bots.....lb. 19.00 -21.00
Cassia, USP, cns.....lb. 12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l....lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l. ....lb. .1690 - —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10½- .11
75% (63% fat), dms., c.l..lb. .12 - .12¼
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l..lb. .12½- .12½
l.c.l. .....lb. .13½- .13¾
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.80
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb. 19.00 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood (see Oil, tung).
Cinnamon bark oil, bots.....lb. 36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.80
Citronella, Ceylon, cns.....lb. .90 - .95
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.75 - 1.80
Coconut,[1,6] Manila, crude, bulk, c.i.f., N. Y..lb. .0835- —
ret. dms.....lb. .0885- .0965
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms....gal. .85 - .86
tankcar .....gal. .83 - —
Codliver,[6] med., USP, bbls., dms..gal. 2.30 - 2.40
Coriander, bots.....lb. 28.00 -36.00
Corn,[1,6] crude, tanks, works..lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16¾
tanks .....lb. .1502- —
foots, acid 95%, tanks, divd. E..lb. .07¼- —
raw, 50%, tanks, divd. E..lb. .08½- —
Cottonseed,[1,6] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar, divd. E..lb. .07¾- —
raw, 50%, tankcar, divd. E., lb. .09¾- —
salad, l.c.l., ret. dms.....lb. .16¼- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb. 12.60 - —
Degras (see D).
Dillseed, bots.....lb. 10.00 Nom.
weed, bots.....lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.10 - 1.20
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,6] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram, per million units. .001 - —
200,000 or more A units..... per million units. .80 - —
Fuel (see Petroleum, fuel oil), Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns.....lb. 12.00 -13.00
Bourbon, cns. .....lb. 11.00 -12.00
Russian, cns.....lb. 15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb. 20.00 -22.50
Hemlock, cns.....lb. 2.05 - 2.25
Juniper berry, cns.....lb. 15.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. .90 - 1.00
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 3.00 - —
Lavender flower, French, cns..lb. 8.50 -16.00
Russian, cns. .....lb. 11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns...lb. 2.50 - 4.00
tech., cns.....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb. 25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60

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OIL OF
ORANGE
U. S. P.

Oil, Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb. 11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1550- —
l.c.l. .....lb. .1600- .1660
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 over raw.
Linseed replacem't, dms.....lb. .1310- .1510
tankcar .....lb. .1270- .1470
Lubricating,[1] ai refinery, ex-tax, California, neutrals, pale, 200-800 vis., 2½-4 pour, tanks..gal. .07½- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07½- .11½
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks..gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour, tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pour, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .32
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brasilian, cns....lb. 8.75 - 9.00
Menhaden,[1,5] crude, tanks, Balto..lb. .0890- —
light-pressed, l.c.l., dms....lb. .1200- —
tankcars .....lb. .1120- —
ref'd, alkali, l.c.l., dms....lb. .1300- —
kettle-boiled, l.c.l., dms.....lb. .1400- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14½- —
Neatsfoot, 15°, c.l., bbls....gal. 1.80 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb. 220.00 -275.00
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Olticica,[1] liquid, dms.....lb. .20 - .20½
tankcars .....lb. .19¼- —
Oleo,[2] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[4] Calif., 1½%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l...lb. No prices.
l.c.l. .....lb. No prices.
85% (69% fat), dms., c.l...lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brasilian, cns.lb. 1.10 - 1.15
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb. 97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,5] Niger, dms.....lb. .0665- —
Palmarosa, cns. .....lb. 5.25 - 5.50
Paraffin,[4] 300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-110 vis., 0/10 pour, same basis..gal. .06½- —
10/25 pour, same basis.gal. .06¾- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb. 20.00 Nom.
Peanut,[4,5] crude, tanks, mill. lb. .13 - —
blchd., deod., tankcar.....lb. .1601- —
hydrogenated, tanks.....lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .06 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import. cns. .....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .08 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[3] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.
Rapeseed,[1,5] bulk, New Orleans, lb. .1156½- —
Red,[6] dist. dms., dlvd.....lb. .12¾- .13¾
tanks, dlvd. .....lb. .12 - —
double dist., ret. dms.....lb. .15½- .16½
Saponified, same prices.
Rose, natural, coppers.....oz. 30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .69 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal .72 - —
Rue, bots.....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.00 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..gal. .6675- —
light-pressed, l.c.l., dms....lb. .1200- —
tankcars .....lb. .1120- —
ref'd, alkali, l.c.l., dms....lb. .1300- —
kettle-boiled, l.c.l., dms..lb. .1400- —
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns. .....lb. No stocks
Savory, cns. .....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns....lb. No stocks
Soybean,[1,6] crude, tanks, Decatur..lb. .1175- —
clarif., dms.....lb. .1296- .1335
tanks .....lb. .1256- —
deod., Winter, tankcar....lb. .1393- —
ret. dms. .....lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dvld. E..lb. .05½- —
refd., varnish, dms.....lb. .1386- .1406
tanks .....lb. .1340- .1347

Oil, spearmint, dms.....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[3] cns., dms.....lb. 2.65 - 3.85
Sunflower, refined,[6] tanks...lb. .1468- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns. .....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works. ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[6] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns. .....lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works.....gal. .29¾- —
tanks, dlvd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .30½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1,6] dms.....lb. .39½- .40
tanks .....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Bourbon, bots.....lb. 30.00 -35.00
Whale,[5] ref., natural, dms..lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -15.50
White mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l. .....gal. .42 - .45
95/105 vis., dms., c.l...gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis. dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 vis., dms., c.l...gal. .54 - —
l.c.l. .....gal. .57 - .60

Oil, white mineral, USP, 175/185 vis., c.l..gal. .54½- —
l.c.l. .....gal. .60½- .63¼
200/210 vis., c.l.....gal. .58 - —
l.c.l. .....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 55 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54¼
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. .....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed,[3] cns.....lb. 5.00 - 5.15
Ylang-ylang, Bourbon, bots..lb. 9.50 -10.00
Oleostearin,[3] bbls.....lb. .1054- —
Olivine, aggregate, c.l., minec, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, same basis.....ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb. 13.00 - —
25-lb. lots .....lb. 13.25 - —
smaller lots .....lb. 13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1] bbls.....lb. .80 - .85
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Orange, mineral, Amer., bbls., 5 tons, dlvd., Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points .....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .12 - —
Other points.....lb. .12½- —
Molybdate,[1,6] bbls.....lb. .41 - —
Orthonitroaniiin toner,[1] kgs., works..lb. .80 - —
bbls. .....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .10½- .11
sweet, bls.....lb. .16 - .20
Oregano, Mexican, curly leaf, bgs....lb. .09½- .10
flat leaf, bgs.....lb. .09 - .09½
Orris root, African, bls.....lb. .85 - .90
powd., bbls., bxs.....lb. .90 - .95
Portuguese, bls.....lb. .75 - .80
Verona, bls.....lb. No stocks
Orthoamylphenol, dms., works.lb. .26 - —
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroaniiin, dms. .....lb. .60 - .70
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[2,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18¼
30.0°C, Min. M.P., dms., c.l., works..lb. .16¼- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06¼- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniiin, dms.....lb. .43 - .55
Orthonitrochlorobenzene, dms..lb. .15 - .18

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The Accepted Basis for Floral Perfumes

(Lily of the Valley, Lilac, etc.)

A single chemical having properties most desired by perfumers.

Great Strength

(5 times stronger than Hydroxy Citronellal with which it blends well.) Result: Economy.

PERSISTENT IN ODOR — FREEDOM FROM DISCOLORATION
FREEDOM FROM IRRITATION — CYCLAMAL IS OF 100% PURITY
Manufactured in the U.S.A.

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Fragrance of the Pine Forest

PURE OILS DISTILLED ESPECIALLY FOR US

Exceptionally Fine Quality

Oil of Spruce — **Oil of Balsam Fir American**
Oil of Cedar Leaf American Pure — **Oil of Pine Needles American**

They come to you as they come from the still in the state of absolute purity. Samples will convince you of the added value to be had from these Pure Quality Oils.

★ INDOL

U. S. A. MANUFACTURED AND READILY AVAILABLE

Its great power makes it extremely economical to use, not only in the manufacture of Jasmin Odors but in many other Floral Compositions as well.

★ ALDEHYDES

ALDEHYDE C-8 — ALDEHYDE C-10 — ALDEHYDE 12-M
ALDEHYDE C-16 — ALDEHYDE C-18

Requests for samples on your firm's letterhead will be promptly answered.

Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn 17, N. Y.

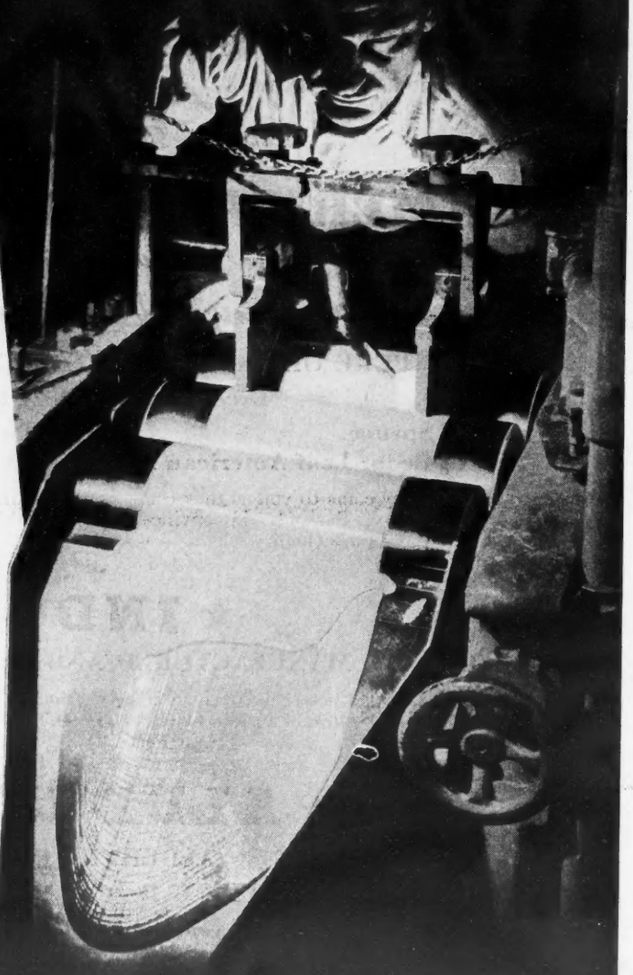
9 S. CLINTON STREET, CHICAGO 6 — 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. .....lb. .09 - —
Orthophenetidin, dms. .....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 20lb lbs., works..lb. 3.50 - —
smaller lots .....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.40 - 2.50
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs..lb. .30 - .31
Portuguese, choice, bgs.....lb. .40 - .41
extra fancy, bgs.....lb. .39 - .40
good, bgs.....lb. .37 - .38
Spanish, fancy, bgs.....lb. .48½- .49
good, bgs.....lb. .47 - .48
fair, bgs.....lb. .42 - .43
Para-aminoazobenzene, dms., works...lb. .75 - —
Parachlorophenol, dms., wks..lb. .32 - —
Paracresol,[2] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works.lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .12
l.c.l., same basis.....lb. .12½- .13
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-132 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715 - —
140-142 ASTM, same basis, lb. .0810- —
146-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than these for slabs loose.
Paraformaldehyde,[3,5] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works.lb. .12 - —
and 10-gal. dms., works..lb. .13 - —
USP, cns., cbys.....lb. .35 - .45
red, chillies, Carolina, longs, new crop, bgs..lb. .31 - .31½
sports, old crop, bgs....lb. .43 - .44
Congo, bgs.....lb. .25 Nom.
Louisiana, sports, bgs....lb. .43 - .44
Paranitroaniline, kgs., works...lb. .43 - .45
Paranitrochlorobenzene, kegs., works..lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .50 - —
Paraphenylenediamine, tech., kgs. lb. 2.00 -
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratolvidin, bbls., works....lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .20 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls.....lb. .34 - .35
Pectin, bbls.....lb. .85 - —
Penicillin,[6] hospitals, institutions, ampules per 100,000 units. 2.40 - 2.60
for gov. purchases, ampules, per 100,000 units. 1.50 - —
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l.....lb. .33 - —
Tetra-acetate, bbls., dlvd.....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07½- —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l.....gal. .29 - —
10 gal.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
longs, old crop, bgs.....lb. No stocks
Mombassa, bgs.....lb. .24½- .25
Niger, fair, bgs.....lb. .23 Nom.
Sierra Leone, bgs.....lb. .22½ Nom.
Unganda, washed, bgs...lb. No stocks
Pepper, white,[1] 15 tons, bgs...lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, USP, bls.....lb. .80 - .85
Import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.s., works, frt. alld., Zone 1..lb. .0782- .0800
l.c.l., same basis.....lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld..lb. .0832- .0850
l.c.l., same basis.....lb. .0882- .0900
Zone 3, dms., c.l., works, frt. equald..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point..lb. .0832- .0900
l.c.l., same basis.....lb. .0932- .0950
Perchlorethylene sales are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l...lb. .021 - —
golden Topaz, bbls., c.l....lb. .032 - —
l.c.l.....lb. .036 - —
red, veterinarian, bbls., c.l.lb. .024 - —
l.c.l.....lb. .028 - —
USP, amber, dms., c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
cream, c.l., dms.....lb. .04¾- —
l.c.l.....lb. .06¼- —
yellow, soft, dms., c.l.....lb. .03¼- —
l.c.l.....lb. .04¼- —
white, lily, dms., c.l.....lb. .05½- —
l.c.l.....lb. .07 - —
Petrolatum, USP, snow, c.l., dms. lb. .06¼- —
l.c.l.....lb. .07¾- —
soft, c.l., dms.....lb. .05¼- —
l.c.l.....lb. .06¼- —
Deposit on ret. dms., $4.
Petrolatum prices dms. extra, ret.
Petroleum, crude, bulk, at wells, California, heavy grades..bbl. .93 - 1.01
Illinois.....bbl. 1.37 - —
Kentucky, Union County..bbl. 1.32 - 1.37
Louisiana-Arkansas.....bbl. .86 - 1.20
Oklahoma-Kansas.....bbl. .85 - 1.25
Pennsylvania.....bbl. 1.81 - 2.00
Texas, Gulf Coast.....bbl. 1.06 - 1.24
North, North-Central.....bbl. 1.01 - 1.25
West.....bbl. .70 - 1.13
Panhandle.....bbl. 1.10 - 1.23
Savannah, Ga.....bbl. 1.60 - 1.77
Wyoming.....bbl. 1.12 - —
Ether, laboratory, grade, 30-60° C., dms., c.l., Group 3, gal. .18 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
35-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light.....bbl. 1.20 - —
diesel.....gal. .04 - —
stove dist.....gal. .06 - —
Group 3, No. 2.....gal. .03½- —
Group 3, No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Oklahoma, No. 2.....gal. .03¾- —
No. 6.....bbl. .80 - —
14-16.....bbl. .97 - —
Petroleum, fuel oil, furnace, tanks, at ref., Pennsylvania, No. 1 gal. .07 - .07¾
No. 2.....gal. .07 - .08⅛
No. 3.....gal. .06¾- .07⅛
36-40 gravity.....gal. .07 - .07¼
bunker C, Baltimore Md..bbl. 1.65 - 1.77
Boston, Mass.....bbl. 1.65 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Jacksonville, Fla.....bbl. 1.60 - —
New York, N. Y.....bbl. 1.65 - 2.07
Norfolk, Va.....bbl. 1.65 - 1.77
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.80 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.65 - 1.77
Wilmington, N. C.....bbl. 1.65 - —
Lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal. .11 - —
Fort Wells, Wash.....gal. .13 - —
San Francisco....gal. .11½- —
Willbridge, Ore...gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
gal. .07⅞- —
Group 3, benzol type, tanks, toluol type, tanks..gal. .07⅝- .07½
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks.. gal. .10½- —
198-200 b.r., tanks...gal. .10½- —
248-397 b.r., tanks...gal. .10½- —
312-406 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East Coast, N. J., N. Y..gal. .10 - —
Group 3, tanks.....gal. .06¼- —
tankwagon, Baltimore.....gal. .12 - .14
Boston.....gal. .12 - —
Bridgeport, Conn.....gal. .1630- —
Buffalo.....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago.....gal. .13½- —
Detroit.....gal. .1580- —
Hartford.....gal. .1630- —
Kansas City, Mo.....gal. .1480- —
Lancaster, Pa.....gal. .12 - —
Milwaukee.....gal. .1440- —
Minneapolis.....gal. .1420- —
Newark (200 gal.).....gal. .11 - —
New York (200 gal.)....gal. .11 - —
Philadelphia.....gal. .11 - —
Pittsburgh.....gal. .129 - —
Providence.....gal. .13 - —
Rochester.....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse.....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —
Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07⅛- —
tankwagons, Newark....gal. .12 - —
Bridgeport.....gal. .1730- —
Chicago.....gal. .1380- —
Detroit.....gal. .13 - —
Milwaukee.....gal. .1440- —
Minneapolis.....gal. .1420- —
New York.....gal. .12 - —
Philadelphia.....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 70% arom., tanks, Bayway, N. J. gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .23½- —
No. 3, tanks, same basis, gal. .228 - —
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .228 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —
V.M.&P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond.....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77 190 l.p.b., 310 e.p. tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —

The Uniform, High Solvency of SUN SPIRITS Will Aid In Formulating Your Post-War Paints



When war contracts are terminated, there will be *many* problems demanding your immediate attention. One of the most important of these problems can be tackled right now . . . your new products for peace-time sales. Now is the time to formulate these new products.

You will find that the uniform, high solvency of SUN SPIRITS, providing rapid and complete dispersal of pigments, will be a great aid in developing your post-war formulas . . . just as they have helped more than 50% of the war paint manufacturers in Sun's sales area.

A Sun Engineer will be glad to assist with your post-war problems whenever you say the word. Just write or 'phone . . .

SUN OIL COMPANY
Philadelphia 3, Pa.
Sponsors of the Sunoco News Voice of the Air—Lowell Thomas

SUNOCO — SUN INDUSTRIAL PRODUCTS
HELPING INDUSTRY HELP AMERICA

Petroleum, naphtha, V.M.&P., at refinery, Group 3, tanks... gal.	.07½-	—
Gulf Coast (divd. New Orleans), tanks..gal.	.06½-	—
tankwagon, Boston.....gal.	.13 -	—
Chicago .....gal.	.1380-	—
Detroit .....gal.	.15 -	—
Milwaukee .....gal.	.1540-	—
Minneapolis .....gal.	.1620-	—
Newark (200 gal)... gal.	.125 -	—
New York.....gal.	.12 -	—
Philadelphia .....gal.	.125 -	—
Pittsburgh .....gal.	.12½-	—
St. Louis.....gal.	.1470-	—
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal.	.25½-	—
East Coast, N. J., N. Y., tanks..gal.	.11 -	—
Group 3, tanks.....gal.	.07½-	.07½
Stoddard (CS 8-33), at refinery:—		
California (f.o.b. San Francisco), tanks..gal.	.11 -	—
East Coast, N. J., N. Y., tanks..gal.	.10 -	—
Group 3, tanks.....gal.	.09%-	—
Pennsylvania, western, tanks..gal.	.07½-	.07½
tankwagon, Baltimore....gal.	.13 -	—
Boston .....gal.	.12 -	—
Chicago .....gal.	.13½-	—
Detroit .....gal.	.1580-	—
Milwaukee .....gal.	.1440-	—
Minneapolis .....gal.	.1420-	—
Newark .....gal.	.11 -	—
New York.....gal.	.11 -	—
Philadelphia .....gal.	.11 -	—
Pittsburgh .....gal.	.12½-	—
St. Louis.....gal.	.1370-	—
Syracuse .....gal.	.14 -	—
Petroleum xylol solvent. See Xylol petroleum solvent.		
Phenobarbital, 5-lb. cns.....lb.	3.60 -	3.70
dms.. 100 lbs.....lb.	3.50 -	—
Phenol,[2,6] 90-92% (cresol, 5-10%), dms., c.l., works, frt. equald., lb.	.10 -	—
l.c.l., same basis.....lb.	.10¾-	—
tanks, same basis.....lb.	.09 -	—
82-84% (cresol, 16-18%), dms., c.l., same basis..lb.	.09¾-	.10¼
l.c.l., same basis.....lb.	.10¼-	.10¾
tanks, same basis.....lb.	.08¾-	.09¼
USP, dms., c.l., works, frt. equald..lb.	.10½-	—
l.c.l., same basis.....lb.	.11¼-	—
tanks, same basis.....lb.	.09½-	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb.	.85 -	—
smaller lots.....lb.	.87 -	.93
yellow, fib. dms., 2,000 lbs...lb.	.80 -	—
smaller lots.....lb.	.83 -	.87
Phenothiazin, N.F., fib. dms., 2,000-lb. shipt..lb.	.49 -	—
smaller lots, same basis..lb.	.54 -	—
Phenylacetaldehyde, 50% solut., bots..lb.	2.45 -	3.00
100% solut., bots.....lb.	4.40 -	5.00
Phenylethyl acetate, cns.....lb.	2.45 -	3.00
Phenylethylphenyl acetate, bots., lb.	5.50 -	7.00
Phenylhydrazin, base, CP, bots lb.	4.55 -	—
Hydrochloride, CP, bots., works, lb.	7.10 -	—
commercial, kgs., works....lb.	1.75 -	—
Phloroglucinol, CP, fib. dms...lb.	13.75 -	14.75
tech., fib. dms.....lb.	12.00 -	12.50
Phosgene, ton lots, works.....lb.	.19 -	—
Phosphate rock,[4,5] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l., long ton.	3.20 -	—
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton.	2.60 -	—
72%-70% b.p.l., M.P.R. 240 provisions, same basis..long ton.	3.20 -	—
75%-74% b p.l., M.P.R. 240 provisions, same basis..long ton.	4.20 -	—
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton.	5.20 -	—
entirely pebble 50c. per ton higher than above prices.		
80%, P_2O_5 minimum, short ton.	2.90 -	—
31%, P_2O_5 minimum.. short ton.	3.10 -	—
70%, basis 32%, P_2O_5 minimum..short ton.	3.45 -	—
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% I. & a., M.P.R. 240 provisions, same basis, long ton.	5.00 -	—
72%-70% b.p.l., 5½% I. & a., M.P.R. 240 provisions, same basis..long ton.	5.50 -	—
refinery ground, same basis, long ton.	4.65 -	—
30%, P_2O_5, same basis..... short ton.	4.85 -	—
31%, P_2O_5, same basis. short ton.	4.95 -	—
32%, P_2O_5, same basis..... short ton.	5.20 -	—
33%, P_2O_5, same basis..... short ton.	5.70 -	—
Phosphate, defluorinated (see under D).		
Phosphorus,[6] red, amorphous, cs., lb.	.40 -	.44
tins, export.....lb.	.55 -	—
yellow, dms.....lb.	.25 -	—
cs. .....lb.	.23 -	.25
Oxychloride,[6] cyls.....lb.	.15 -	.18
Pentoxide,[6] dms., c.l., wks..lb.	.11 -	.12
l.c.l., works.....lb.	.13 -	.14
Sesquisulphide,[6] cs.....lb.	.38 -	.42
Trichloride,[6] cyls.....lb.	.15 -	.16
Phthalamide, bbls., works.....lb.	.35 -	.40
kgs., works.....lb.	.45 -	.50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver.....lb.	.13 -	—
l.c.l., same basis.....lb.	.14 -	—
Pichi leaves, bgs.....lb.	.07 -	.08
Picoline (see Alphapicoline and Betapicoline).		
Picrotoxin, bots.....oz.	8.00 -	—
Pilocarpine hydrochloride, USP, bots., vis..oz.	2.90 -	5.25
Nitrate, bots vis.....oz.	3.80 -	5.15
Pimento,[1] Jamaica, bgs.....lb.	.22½-	.23
Mexican (see Allspice, Mexican).		
Pinkroot, bls.....lb.	1.85 -	1.90
Piperazine hexahydrate, bots..lb.	16.00 -	—
Pitch, burgundy (see B).		
Coaltar,[2] 160° m.p., bbls., c.l., works..ton.	19.00 -	—
l.c.l., works.....ton.	22.00 -	—
Cottonseed, dms., works.....lb.	.04 -	.06
Hardwood, paper bgs., works.lb.	.03½-	—
Linseed, dms.....lb.	.05 -	.05¼
Petroleum (see Asphaltum, Mexican, Texas).		
Soybean, dms., works.....lb.	.04 -	.06
Pine, dms.....100 lbs.	3.25 -	—
stands, 200 lbs.....stand	6.00 -	—
Plaster of paris (see Gypsum).		
Podophyllin, dms.....lb.	8.75 -	9.00
Pokeroot, bbls.....lb.	.14 -	.15
Polyamylnaphthalene, dms., l.c.l., works..lb.	.25 -	—
Pomegranate, root bark, bgs...lb.	.80 -	.85
Poppy flowers, bls.....lb.	.60 -	.70
Seed, Canadian, bgs.....lb.	No stocks	
domestic, blue, bgs.....lb.	No stocks	
Dutch, bgs.....lb.	No stocks	
Indian, white, bgs.....lb.	No stocks	
Turkish, bgs.....lb.	No stocks	
cleaned, bgs.....lb.	No stocks	

Potash abietate.....lb.	.06 -	—
Acetate, USP, bbls., dms....lb.	.28 -	.30
cns. .....lb.	.31 -	.33
Arsenite,[6] USP, solut., cbys., djns..lb.	.13 -	.15
Bicarbonate, USP, cryst., gran., bbls., dms..lb.	.19 -	.21
Bichromate,[6] bbls., cks., c.l., works..lb.	.09%-	—
l.c.l., works.....lb.	.09%-	.16
Potash bichromate in bgs., ½c. less.		
Bromide, USP, gran., 500-lb. bbls., dms..lb.	.27 -	.31
100-lb. kgs.....lb.	.23 -	.32
Carbonate, calc., bbls., c.l., works..lb.	.06½-	—
l.c.l., same basis.....lb.	.06%-	—
hydrated, 83-85%, bbls., c.l., works..lb.	.05½-	—
dms., l.c.l., same basis..lb.	.05%-	—
USP, gran., bbls., dms....lb.	.14 -	.20
powd., bbls., dms.....lb.	.19 -	.21
Caustic, flake, 88-92%, dms., c.l., works..lb.	.07 -	—
l.c.l., works.....lb.	.07¼-	—
45% basis, dms.....lb.	.08½-	.08½
tanks .....lb.	.02¾-	—
liquid, dms., c.l., works, frt. alld..lb.	.03 -	—
l.c.l., dms., same basis..lb.	.03½-	—
tanks, same basis.....lb.	.02¾-	—
solid, 88-92%, dms., c.l., works..lb.	.06¼-	—
l.c.l. .....lb.	.06¼-	.06¾
Chromate,[6] bgs.....lb.	.24 -	.28
Chlorate,[6] cryst., bgs., c.l., works..lb.	.11 -	.11¾
l.c.l., works.....lb.	.119 -	.13
powd., dms., kgs., c.l., works, lb.	.09¾-	.11¾
l.c.l., works.....lb.	.119 -	.13
export, 1 to 10 tons, kgs., ex whse..lb.	.18 -	.20
Chloride, tech., cryst., 98%, bgs., kgs..lb.	.08	Nom
Potash, citrate, USP, gran., bbls., dms..lb.	.33½-	.38½
powd., 3c. per lb. higher.		
Cyanide,[6] dms., works.....lb.	.[illegible] -	—
Fluoride, bbls.....lb.	.34 -	.40
Glycerophosphate, 75% sol., cns., cbys..lb.	1.65 -	1.67
dms., 1,000 lbs.....lb.	1.50 -	—
100 lbs.....lb.	1.60 -	—
Guaiacolsulphonate, NF, dms.lb.	1.65 -	1.85
Hydroxide, USP, sticks, dms.lb.	.34 -	.36
Hypophosphite, cns.....lb.	.72 -	.75
Iodate, bots., 5 lbs.....lb.	3.46 -	—
cns., 25 lbs.....lb.	3.35 -	—
Iodide, bots., cns.....lb.	1.44 -	1.48
dms. .....lb.	1.35 -	1.38
Manure salt, dom,[6] 22%, K_2O, f.o.b. Carlsbad, N. M..... unit-ton.	.20 -	—
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.		
25% K_2O, same basis..... unit-ton.	.21 -	—
Metabisulphite, gran., bbls..lb.	.19 -	.21
powd., bbls.....lb.	.25 -	—
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports.... unit-ton.	.53½-	—
Seasonal contract discounts to March 31, 1945, 12%.		
granular, 50-52% K_2O..... unit-ton.	.53½-	—
Russian,[6] future shipt., subject to safe arrival. unit-ton.	.53¾-	—
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.		
Nitrate (see Saltpeter).		
Potash oxalate, neutral, purs, gran., bbls., dms..lb.	.37 -	.50
tech., fine gran., bbls., dms., lb.	.29 -	.31
Perchlorate,[6] kgs., works....lb.	.09%-	.11
Permanganate, tech., dms., works..lb.	.19%-	.20¼
USP, dms., works.....lb.	.20¼-	.21
Prussiate, red, kegs.....lb.	.50 -	.53
Yellow, bbls.....lb.	.16 -	.17
Ricinoleate, tech., bbls.....lb.	.18 -	—
Silicate, glass, bgs., c.l., wks. ton.	200.00 -	—
l.c.l .....100 lbs.	15.25 -	—
solution, 29° Be, ret. drums, c.l., works..100 lbs.	4.25 -	—
l.c.l., 5 or more, works. 100 lbs.	5.00 -	—
1-4, works.....100 lbs.	5.50 -	—
32° Be, ret. dms., c.l., works..100 lbs.	4.75 -	—
l.c.l., 5 or more, works. 100 lbs.	5.50 -	—
1-4, works.....100 lbs.	6.00 -	—
40.5° Be, ret. dms., c.l., wks. 100 lbs.	5.75 -	—
l.c.l., 5 or more, works. 100 lbs.	6.50 -	—
1-4, works.....100 lbs.	7.00 -	—
Sulphate, NF, gran.....lb.	.14 -	.20
powd., bbls.....lb.	.15 -	.21
tech., dom., bulk,[6] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.	36.25 -	—
Sulphocyanide, NF, dms....lb.	.70 -	.78
Xanthate, dms., c.l.....lb.	.12 -	—
Potash-gold cyanide, 41% gold, bots., works..oz.	14.20 -	14.95
Potash-magnesia sulphate, bulk,[4] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports. ton.	26.00 -	—
Potash-soda ferricyanide, kgs., works..lb.	.40 -	.48

IMAGINE delivering .50 caliber machine gun cartridges to a battery of 105 mm. cannon! Somebody would catch the devil—and it wouldn't be the enemy!

YOU'VE got to have *dependable uniformity* in solvents too. Any variation in the type of solvent you are using for a given job can easily throw your entire production out of line.

That's one of the reasons for specifying SKELLYSOLVE. A given type of SKELLYSOLVE ordered tomorrow will be identical with the same type bought yesterday. You can depend on that. In refining SKELLYSOLVE, we depend on accurate, scientific, instrumented quality control that leaves nothing to guess and hurdles the element of human error.

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in the **OIL, PAINT** *and* **DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Potash-titanium oxalate, bbls., dms..lb. .46 - .50
Prickly ash bark, bls.....lb. .40 - .43
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .65 - .70
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[a] industrial grade, tanks, Group 3..gal. .03⅝- —
Propyleneglycol,[a] dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .68
Pumice, grd., fine, bgs., ton lots..lb. .03½- —
smaller lots.....lb. .03⅝- .04
coarse, 0¼, 1, 1½, 2, 3, bgs., ton lots..lb. .03⅝- —
smaller lots.....lb. .03⅝- .04½
Chi., ton lots.....lb. .04½- —
Pumice in bbls., is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 5.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[a,g] concentrate, de-waxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(50 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33⅜- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —

Pyridin,[a] denaturing, ref. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ref. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports, long ton. 9.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton. 10.00 - —
325 mesh, same basis....ton. 13.00 - —
No. 3, 200 mesh, c.l., mines..ton. 8.00 - —
325 mesh, same basis.....ton. 11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
works..lb. .17 - —
China, white, ivory, cs., dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[a] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $13; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WBA insurance, $3.75 per ton..lb. .04¾- .05⅛
clarified, 64%, bgs., c.l., same basis..lb. .05¾- .05⅝
dissolved, 85% tan., bbls., works..lb. .04125- .0550

Quebracho extract, tanks, wks.lb. .03625- .0450
ground, bgs., c.l.....lb. .09 - .09
l.c.l., bgs.....lb. .0625- .0950
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net)..flask. 113.00 Nom.
Quince seed, bgs.....lb. 1.50 - 1.75
Quinidine,[a] NF V, cryst., cns.oz. 1.06 + .13½[a]
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

[a] Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[a] NF, cns., 100 ozs...oz. .84 + .13½[a]
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs.....oz. 1.07 + .13½
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs...oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.30 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs. oz. .90 + .13½
Salicylate, NF, cns., 100 ozs.. oz. .79 + .13½
Sulphate, USP, cns., 100 ozs. oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.05 + .13½
Valerate, NF IV, 100 ozs.....oz. .99 + .13½

[a] Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[a] USP, cns..oz. .81 + .13½[a]
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .34½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,[a] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.30
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works, lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.00 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09½- —
80-85%, bbls., same basis..lb. .09⅝- —
imp., English, all shades..lb. .13 - —
Iron oxide, pure, bbls.....lb. .09 - .09⅝
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .06½- .06⅝
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works...lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[a] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[a] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07⅝
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0248- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03⅛- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermillion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[a] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .17 - .18
Rhubarb, whole, cs.....lb. .75 - .80
powd., bols.....lb. .80 - .85
Riboflavin, bots., 100 grams.kilo. 200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .44 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls (Dalmatia).lb. 1.45 - 1.50
Leaves, Portuguese, bls.....lb. .06¾- .08½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum[1]:—
B, dms., c.l.....100 lbs. 5.90 - —
D, dms., c.l.....100 lbs. 5.97 - —
E, dms., c.l.....100 lbs. 6.50 - —
F, dms., c.l.....100 lbs. 6.50 - —
G, dms., c.l.....100 lbs. 6.64 - —
H, dms., c.l.....100 lbs. 6.66 - —
I, dms., c.l.....100 lbs. 6.66 - —
K, dms., c.l.....100 lbs. 6.70 - —
M, dms., c.l.....100 lbs. 6.72 - —
N, dms., c.l.....100 lbs. 6.88 - —
W.G., dms., c.l.....100 lbs. 7.13 - —
W.W., dms., c.l.....100 lbs. 7.40 - —
X, dms., c.l.....100 lbs. 7.40 - —
Wood, F.F.,[1] dms., c.l..100 lbs. 4.32½- 4.35
l.c.l.....lb. 4.62½- 4.65
Rotenone,[1,g] CP, bbls., works, lb. 10.90 - .
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines..ton. 35.50 - —
l.c.l. same basis.....ton. 37.50 - —
Rue, bls.....lb. .70 - .75

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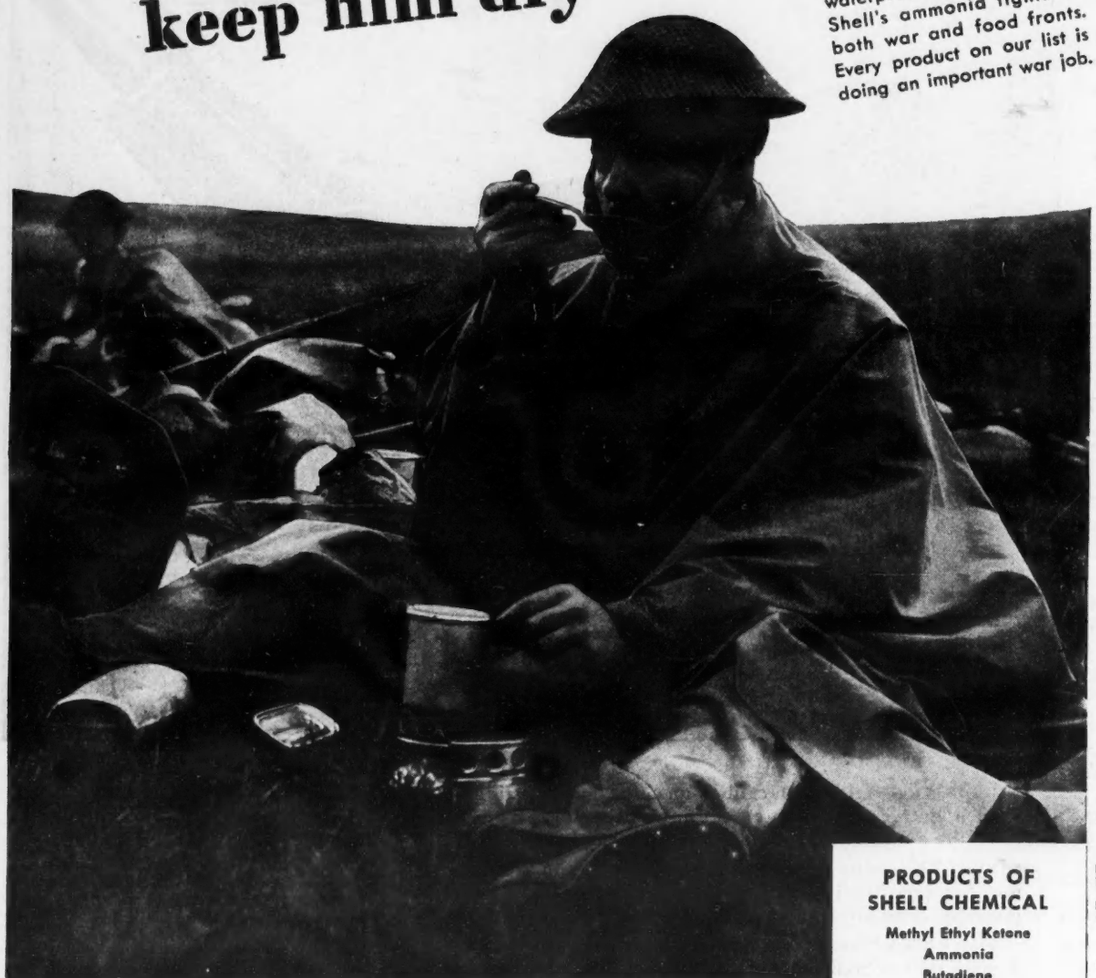

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ISN'T IT LOGICAL that our products which are doing so many jobs for war industry today may be useful in the products you are planning right now for peace? We will welcome inquiries regarding any of them, even though at present they are all on allocation.

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S

Sabadilla seed, powd., bbls....lb. .32 - .35
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .90 - .92
Spanish, tins.....lb. 42.00 Nom.
Safrol, cns.....lb. 1.10 - 1.15
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, bgs., Pacific Coast lb. .45 - .48
Cyprus, good, bls.....lb. .17 - .17½
fair, bls.....lb. .14½ - .15
Palestine, bls.....lb. .16 - .16¼
Spanish, bls.....lb. .17¾ - .18¼
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
5lb. dms.....lb. .92 - .96
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton 14.20 - —
l.c.l., bgs.....ton 17.00 - 18.00
vacuum, common, fine, bgs., c.l..ton 15.70 - —
l.c.l. .....ton 19.40 - 23.20
Saltcake, dom., bulk, works.ton 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo. 200.00 - 210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bbls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .24 - .26
dom., bls., f.o.b. Calif.....lb. .82 - .83
Saw palmetto berries, bgs.....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾ - —
smaller lots.....lb. .34½ - —
kegs, 5,000 lbs., 1 shipment..lb. .34¼ - —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.10 - 1.15
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½ - .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Soda, bls.....lb. .12 - .14
Serpentaria root, bls.....lb. 1.40 - 1.50
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½ - .14
Indian, hulled, recleaned, bgs., lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[6] bonedry, bbls., 1,500 lbs..lb. .42½ - —
Boston .....lb. .43½ - —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs.....lb. .48½ - —
Boston .....lb. .49½ - —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2) bbls., 1c. more; (3) kgs., 3c. more.

D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4860 - —
Garnet, bgs., lots of 100.....lb. .3890 - —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660 - —
Chicago, lots of 100.....lb. .3710 - —
Pacific coast, lots of 100...lb. .3960 - —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550 - —
Chicago, lots of 100.....lb. .3600 - —
Pacific coast, lots of 100...lb. .3805 - —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works, ton 17.00 - —
l.c.l., same basis....ton 20.00 - —
400 mesh, bgs., c.l., same basis..ton 18.00 - —
l.c.l., same basis....ton 19.00 - 20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton 18.00 - —
l.c.l., same basis....ton 21.00 - —
400 mesh, bgs., c.l., same basis..ton 30.00 - —
l.c.l., same basis....ton 35.00 - 38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton 20.00 - —
l.c.l., same basis....ton 21.50 - 23.00
99%, 325 mesh, bgs., c.l., same basis..ton 20.00 - —
l.c.l., same basis....ton 22.00 - 25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton 15.50 - —
l.c.l., same basis....ton 18.50 - —
140 mesh, bgs., c.l., same basis..ton 11.00 - —
l.c.l., same basis....ton 16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½ - —
l.c.l., works.....lb. .18½ - —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾ - —
govt. purchase, dom.....oz. .7111 - —
govt. purchase,[1] foreign...oz. .44¾ - —
Cyanide, cns., 100 ozs.....oz. .41½ - —
Nitrate, 100-oz. bots.....oz. .32¾ - —
Nucleinate, bots., dms.....oz. .306 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton 11.00 - 12.00
l.c.l., works.....ton 12.00 - 13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, cns.....lb. .06 - .08
Blue, cns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, cns.....lb. .11¾ - .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½ - .10
l.c.l., dlvd.....lb. .05½ - .06
NF, bbls., dlvd.....lb. .09½ - .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½ - —
l.c.l., same basis.....lb. .10¾ - .11¼
Soda, arsenite,[6] gray, dms., dealers, c.l., works..lb. .09½ - —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.....
100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.....
100 lbs. 1.13 - —
l.c.l., dlvd., zone 1.....
100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1.....
100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., Zone 1.....
100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., dlvd., zone 1.....
100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —

Soda ash, light, 58%, bulk, c.l. 100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°. Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Texas and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾ - —
l.c.l., works.....lb. .07½ - .07¾
Soda bichromate in bgs., ¼c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½ - —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½ - .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60

Soda bisulphite, solut., 32°, bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs., lb. .28 - .31
Cacodylate, 5-lb. bots., works, lb. 17.00 - —
Carbonate (see Soda ash, soda monohydrate, soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd.....
100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½ - —
sellers' tanks, works.....
100 lbs. 1.85 - —
70%, buyers' tanks, works..
100 lbs. 1.97½ - —
sellers' tanks, works....
100 lbs. 2.00 - —
solid, 76%, dms., c.l., works..
100 lbs. 2.30 - —
l.c.l., zone 1, dlvd.....
100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —

Caustic soda zones are same as soda ash.

Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼ - —
l.c.l., works.....lb. .06½ - —

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Plastics—"miracle" substances—processed into war materiel ...nose for fighter planes...soldier's equipage—mess kits, raincoats, pup tents. Important to the manufacture of plastics are Solvay Alkalies and related products ...for in war as in peace alkalies are indispensable.

SOLVAY SALES CORPORATION *Alkalies and Chemical Products Manufactured by The Solvay Process Company*

Soda, chlorate, powd., bgs., c.l., works..lb. .06½- —
l.c.l., works..lb. .07 - .08½
Chromate,[3] bbls., cks., c.l., works, frt. equald..lb. .06¾- —
l.c.l., works, frt. equald..lb. .06¾- .08½
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .16½- —
dms.....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25¾- .29½
Cyanide,[4] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¾- .10½
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .09¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda, hyposulphite, crystals in bbls., 20c. higher; pea crystals, dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.46

Soda, iodide, bots.....lb. 2.58 - 2.67
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis....100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[5] anhyd., kgs., works. lb. .47 - —
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .50
Monohydrated, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.46 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis. ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, bbls., c.l., wks., frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis...100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., wks.....lb. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
lb. .16 - .16¼
l.c.l., works, frt. equald..lb. .17 - —
kgs., works, frt. equald..lb. .19 - —

Soda, pantothenate, dest., 100-gram bots..per gram. .10 - —
Perborate,[7] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide,[8] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[9] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[9] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis, 100 lbs. 2.70 - —
cryst., bgs., l.c.l., same basis 100 lbs. 3.40 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., spot, lb. .10¾- —
bbls., spot.....lb. .11 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls.....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55

Soda, sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Soda sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, monohydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .32
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works. lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[9] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[4] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .23
Solvent naphtha,[2] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
Solvent naphtha, high-flash, dms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .20 - —
100-40,000 lbs., works...lb. .20 - .20½
less than 100 lbs., works, lb. .24 - —
Sorbitol,[4] com'l, dms., c.l., works, lb. .14¾- —
l.c.l., same basis.....lb. .15½- —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .40 - .45
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks..lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls..lb. .16 - .17
Starch, corn, pearl, bgs..100 lbs. 4.06 - —
Chicago .....100 lbs. 3.72 - —
Corn, powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l.....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. .09 - .09¼
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
95%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08½
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.15
Sulphate, nat., 92% min., air-floated, 300 mesh, bbls., c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....os.30.00 - 34.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz. .80 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., os. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .80 - —
Sulphate, cryst., cns., 100 ozs., os. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.10
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35

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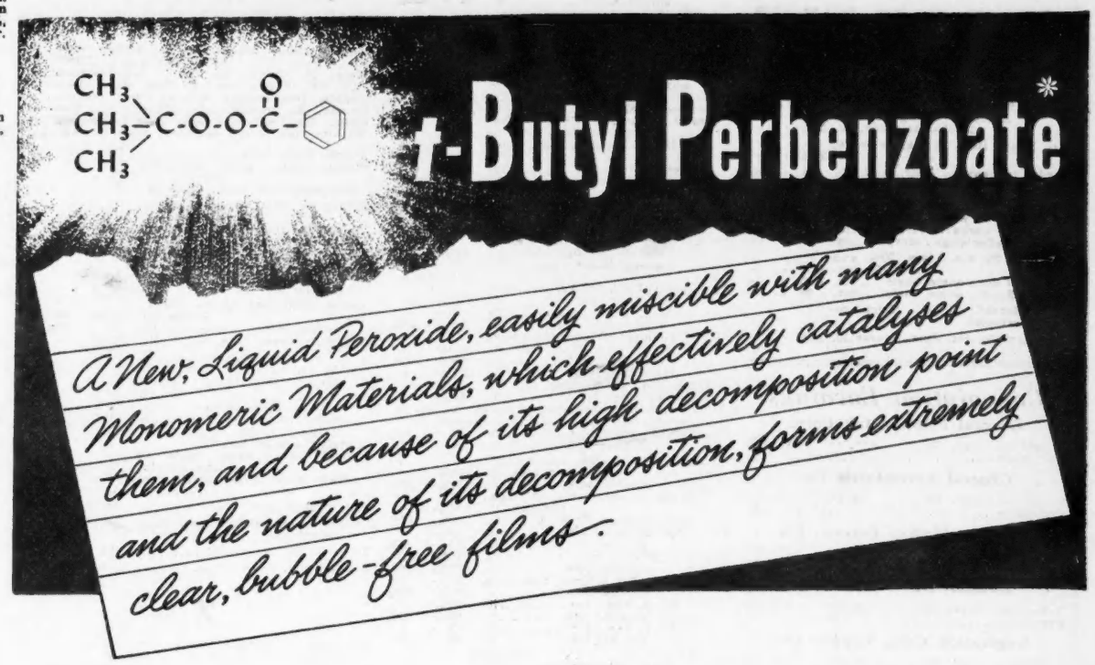
flour, comm'l, 90½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., work..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .06 - .06½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .06 - .06¾
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.s., bulk, production points, Baito..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 85½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $3.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.s., ½c. per unit-ton higher.
tripie 40% and more a.p.s., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Sweet Basil, bls., f.o.b. Calif..lb. .97 - .98

T

Talc, dom., aluminum-flake type, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks..ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94% bgs., c.l., works. ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,9] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (43% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] Brazil, bgs..lb. .06½- .07¾
Java, bgs.....lb. No stocks
Tar acid oil,[2,9] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29¾
25%, dms., c.l., works.....gal. .30 - —
l.c.l., works.....lb. .32 - —
Pine, retort, dms., c.l., dlvd. East..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd., dlvd. N. Y.....ton.120.00 - —
Tarragon herb, bgs.....lb. 1.40 - 1.50
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure dms.....lb. .35 - .50
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F. VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchlorcethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 - —
Theobromine,[1,9] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, bots., dms., 100 grams..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .80 - .82
Spanish, bls.....lb. .17½- .18
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root).
Tin chloride,[9] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,6] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd.....lb. .15½- .15¾
nonchalking,[1,6] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons, one deliv., dlvd..lb. .16¾- —
smaller lots, dlvd....lb. .17 - .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15½
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c. higher; Pac. cst. ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs, works....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluidine base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol[2] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West. Minnequa, Colo.gal. .28 - —
Toluol, 1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West. Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .91
Tonka beans, Angostura, cks..lb. 2.00 - 2.50
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs. oz. .52 - —
Triacetin, dms., works.....lb. .27 - .32
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms...lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethane, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - —
Trichloroethylene,[6] dms., c.l., works, Zone 1, frt. alld...lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4 ex whse.....lb. .09 - —
Trichlorcethylene, l.c.l. prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[9] CP, cns., works..lb. .42½- .84½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .23½- .45¼
dms., c.l., dlvd.....lb. .25 - .51
l.c.l., dlvd.....lb. .25½- .51¼
tanks, dlvd.....lb. .24 - .39
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[9] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate[6] (see Soda phosphate, tribasic).
Tuba root,[2,6] (see Derris root).
Tungsten metal, powd.,[9] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Alleppey, bgs...lb. .12 - .12½
Haitian, f.o.b. New Orleans, bls..lb. .09½- .10
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .87 - .87½
sulphate-wood, dms., c.l...gal. .65½- .75½
tanks .....gal. .57½- .67½
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75


t-Butyl Perbenzoate*
A New, Liquid Peroxide, easily miscible with many Monomeric Materials, which effectively catalyses them, and because of its high decomposition point and the nature of its decomposition, forms extremely clear, bubble-free films.

GENERAL DESCRIPTION

A liquid, organic peroxide (8.00–8.50% available oxygen) which is relatively non-volatile and highly stable.

SUGGESTED USES

1. As an effective catalyst in bulk polymerizations.
2. As an extremely good high temperature polymerization catalyst.
3. Wherever organic peroxides are of interest.

PROPERTIES

Molecular Weight	194
Specific Gravity at 20° C.	1.035
Vapor Pressure	Less than 10mm. of mercury at 100° C.
Decomposition Point	113–116° C.
Freezing Point	−2° to −4° C.
Refractive Index at 25° C.	1.489
Available Oxygen	8.00 to 8.50%
Color	Light Yellow
Solubility	Soluble in all proportions in all common organic solvents.
Sensitivity	Insensitive to shock, rubbing, grinding.
Stability	Highly stable at room temperature. Stable over iron, aluminum, copper, tin and zinc. Decomposes slowly over lead.

Practically all the technical information known at present about this interesting new peroxide is given here. The product is in limited commercial production, and samples will be gladly sent to anyone interested in investigating its possibilities.

TWO OTHER PEROXIDES OF INTEREST . . .

t-BUTYL HYDROPEROXIDE*

An organic, alkyl peroxide that is standardized at a concentration of 60% (10.66% available oxygen). Use of proper activators increases rate of release of the oxygen. In limited commercial production at present. Samples will be gladly sent anyone interested.

1-HYDROXYCYCLOHEXYL HYDROPEROXIDE-1*

An organic, cycloalkanyl peroxide in white crystalline solid form that is extremely stable at room temperature and possesses 12.13% active oxygen. Has been produced in our laboratory on a small scale and can be made in commercial quantities if there is sufficient demand. Samples will be gladly made up upon request.

*U. S. Pats. 2176407, 2223807 & 2298405

Address all inquiries to the Union Bay State Chemical Company, Peroxides Division, 50 Harvard Street, Cambridge 42, Massachusetts.

UBS

UNION BAY STATE
Chemical Company

Serving Industry with Creative Chemistry

ORGANIC CHEMICALS · SYNTHETIC LATEX · SYNTHETIC RUBBER
PLASTICS · INDUSTRIAL ADHESIVES · DISPERSIONS
COATING COMPOUNDS · IMPREGNATING MATERIALS · COMBINING CEMENTS

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium[2] oxide, black bgs....lb. 2.65 - —
yellow, kgs....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts...ton.75.00 - —
l.c.l., ship. pts....ton.77.50 -85.60
import. surs, cs....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va...ton.59.00 - —
fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3...ton.116.80 - —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls....lb. .22 - .23

V

Valerian root, NF, bls....lb. .55 - .60
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works...lb. 1.00 - —
tech., dms., works....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins...lb.10.00 Nom.
Mexican, cuts, tins....lb.10.00 - —
whole, tins....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins....lb. 3.25 - 3.50
West Indian, tins....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more...lb. 2.60 - —
smaller lots....lb. 2.65 - 2.75
ex guaiacol or lignin tins, 25 lbs. or more...lb. 2.35 - —
lignin tins, 25 lbs. or more, lb. 2.35 - —
Venice turpentine, artif., cns...lb. .24 - .25
Verdigris, bbls., bgs....lb. .22 - .23
Vinyl acetate,[4] cnrs., works...lb. .25 - —
dms., c.l., works....lb. .15 - —
l.c.l., works....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%...bot. 1.50 - —
60 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Trichloride (See Trichloroethane).
Vinylpyridin, ret. dms., works..lb. 1.50 - —

Corporation Earnings

General Printing Ink Corp.

9 months, Sept. 30....	419,549	418,913
Per share....	.37	.36

General Refractories Co.

3 months, Sept. 30....	46,507	190,634
Per share....	..	.41

Harbison-Walker Refract. Co.

3 months, Sept. 30....	400,000	496,000
Per share....	.27	.34

Houston Oil Co. (Texas)

3 months, Sept. 30....	469,897	539,918
Per share....	.30	.37

Inspiration Cons. Copper Co.

9 months, Sept. 30....	1,458,482	1,294,534
Per share....	1.23	1.10

Jones & Laughlin Steel Corp.

3 months, Sept. 30....	1,889,847	2,249,964
Per share....	.72	.94

Lindsay Light & Chemical Co.

9 months, Sept. 30....	55,551	64,994
Per share....	.71	.86

National Gypsum Co.

3 months, Sept. 30....	219,684	234,368
Per share....	.10	.13

Newport Industries, Inc.

3 months, Sept. 30....	107,606	195,869
Per share....	.17	.32

Oliver United Filters, Inc.

3 months, Sept. 30....	45,713	49,231
Per share....	.09	.10

Panhandle Prod. & Refining Co.

3 months, Sept. 30....	161,206	93,731
Per share....	.18	.10

Phillips Petroleum Co.

3 months, Sept. 30....	5,992,824	3,593,857
Per share....	1.22	.76

Chas. Pfizer & Co.

9 months, Sept. 30....	1,589,122	1,345,046
Per share....	3.17	2.69

Scott Paper Co.

9 months, Sept. 30....	1,163,735	1,190,738
Per share....	1.45	1.49

Sherwin-Williams Co.

12 months, Aug. 31....	4,075,944	3,795,982
Per share....	5.55	5.07

Skelly Oil Company

3 months, Sept. 30....	1,877,304	1,297,899
Per share....	1.91	1.32

A. E. Staley Manufacturing Co.

9 months, Sept. 30....	1,257,469	1,567,469
Per share....	..	.....

Union Oil Company of California

3 months, Sept. 30....	2,302,775	2,301,848
Per share....	.49	.49

United Drug, Inc.

3 months, Sept. 30....	445,598	638,988
Per share....	.32	.46

U. S. Industrial Chemicals, Inc.

3 months, Sept. 30....	417,325	519,898
Per share....	1.19	1.38

Zonite Products Corp.

3 months, Sept. 30....	123,438	129,718
Per share....	.15	.16

Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
Vitamin B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls....lb. .55 - .60
Wattlebark,[1] E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account...ton.53.00 - —
Wattle bark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account...per ton.53.00 - —
extract[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks....lb. .04¾- .05¼
solid, So. Afr., 62% tannin, ex dock..lb. .0572- .0597
E. Afr., 61% tannin, ex dock, lb. .05595- .06345
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14½- —
smaller lots....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots....lb. .13 - .13¾
160°-165° m.p., white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots....lb. .25 - .26¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots....lb. .16¾- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .23¾- —
No stocks
Bayberry, bgs....lb.
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton....lb. .61 - .63
slabs, bgs., ton....lb. .57 - —
yellow, crude, African, bgs., ton..lb. .40 - —
up to 1 ton....lb. .41 - —
100-200 lbs....lb. .43 - —
Cent. or So. Amer. sunbleachable, bgs., ton..lb. .44¾ Nom.
unbleachable, bgs., ton, lb. .41½ Nom.
ref'd, USP, bricks, bgs., ton, lb. .53½- —
disc., bgs., tons....lb. .55½- —
ctns., ton....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57¼- —
ctns., ton....lb. .58½- .60¼
slabs, bgs., ton....lb. .52¾- —
Candelilla,[1] crude, bgs., ton..lb. .34½- .35
smaller lots....lb. .35½- .44½
Candelilla, powdered, 30 mesh, 5c. per lb.
extra; 80 mesh, 5½c. 100-200 mesh, 6c.
refined, bgs., ton....lb. .44 - —
smaller lots....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71¼- —
smaller lots....lb. .72¼- .81¼
North Country No. 2, bgs., ton lots..lb. .75¾- —
smaller lots....lb. .76¾- .85¾
No. 3, bgs., ton....lb. .73¼- —
smaller lots....lb. .74¼- .83¼
refined, bgs., ton....lb. .76¾- .80
smaller lots....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots....lb. .84¼- .93¼
No. 2, bgs., ton....lb. .81¼- —
smaller lots....lb. .82¼- .91¼
No. 3, bgs., ton....lb. .79 - —
smaller lots....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots....lb. .17½- .18
Japan, cs....lb. No stocks
Montan, bgs....lb. No stocks
Ouricury,[1] bgs., ton....lb. .49¾- .51¾
smaller lots....lb. .50¼- .51¾
refined, bgs., ton....lb. .52 - —
smaller lots....lb. .63 - .73
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs....lb. .26 - .27
cakes, cs....lb. .27 - .28
White lead (see Lead, white).
White pine bark, reased, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 40 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. ....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. ....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. ....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. ....ton.23.00 -27.00
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. ....ton.25.00 -29.00
Limestone, dry-grd., $325 mesh, bgs., 40 tons, N. E. works..ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 200 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
99% bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra, gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. ....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls....lb. .18 - .19
reased, green, bls....lb. .20 - .25
Wild indigo root, bls....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis....ton.24.00 - —
80 mesh, same basis....ton.27.00 - —
100 mesh, same basis....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs....lb. .20 - .25
Levant ....lb. 4.50 - 4.75
Wormwood, bls....lb. .80 - .85

X

Xanthorrhiza, bls....lb. .24 - .25
Xylene (see Xylol).
Xylol[6] (xylene), indus., dms, return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms.. Nc. N. J.....gal. .26 - —
Xylidin, mixed, dms....lb. .35 - .36

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.25
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms....lb. .45 - —
200 B units, dms....lb. .50 - —
800 B units, dms....lb. .60 - —
Yellow, barium chromate, C.P., bgs., l.c.l., dlvd. N. of Tenn. and N. C. R. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.
Benzidin, bbls., dlvd....lb. 1.85 - 2.25
Cadmium, CP, import, bxs....lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots....lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works....lb. .02 - .02¾
French type, bbls., c.l....lb. .0245- —
l.c.l. ....lb. .0365- —
Oxide, iron, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis...lb. .06 - —
synth, bbls., c.l., works...lb. .0685- —
l.c.l., works....lb. .071 - —
Persian orange (see O).
Zinc,[8] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls....lb. .33 - .40
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls....lb. .21 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works....lb. .30 - —
Zinc acetate, tech., bbls., dlvd..lb. .16 - .17
USP, bbls., 250 lbs....lb. .26 - .27
kgs., 100 lbs....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13½
l.c.l., same basis....lb. .12¼- .13¾
Borate, bgs., c.l....lb. .12 - —
l.c.l. ....lb. .12½- —
Carbonate, tech., rubber maker' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms....lb. .40 - —
kgs....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works....100 lbs. 5.35 - —
gran., dms., c.l., works..... 100 lbs. 5.75 - —
l.c.l., works....100 lbs. 6.50 - —
USP, dms....lb. .30 - .31
jars ....lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works....lb. .04¼- .04½
tanks, works....lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works....lb. .33 - .37
Dust,[8] bbls., c.l., dlvd....lb. .1035- —
l.c.l., works....lb. .1135- —
Fluoride, bbls....lb. .23 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots....lb. 4.68 - 4.75
jars ....lb. 4.40 - —
Laurate, bbls....lb. .32 - .33
Metal,[1,8] (quotations in Protective Coatings market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .16 - .19½
Oxide, pigment, dom., acicular,[8] bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd....lb. .07½- —
American process, com'l, lead free,[8] bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd....lb. .07¾- —
35% or more, bgs., c.l., dlvd. lb. .07 - —
l.c.l., dlvd....lb. .07½- —
French process, com'l, lead free,[8] bgs., c.l., dlvd.lb. .07¼- —
l.c.l., dlvd....lb. .07½- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd....lb. .09¼- —
red seal, bgs., c.l., dlvd.lb. .08½- —
l.c.l., dlvd....lb. .08¾- —
white seal, bgs., c.l., dlvd. lb. .09½- —
l.c.l., dlvd....lb. .09¾- —
USP,[8] 50-lb. ctns., c.....lb. .10¼- —
l.c.l. ....lb. .10¾- —
Zinc oxide Pac. coast prices ½c. higher. Bbl. prices ½c. higher than bgs.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls....lb. .11 - .12
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls....lb. .15 - .16
Zinc stearate, tech., ctns., c.l., frt. equald...lb. .29 - —
ton lots, frt. equald...lb. .30 - —
smaller lots, frt. equald.lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l. ....100 lbs. 4.15 - —
flake, bgs., c.l.....100 lbs. 3.80 - —
l.c.l. ....100 lbs. 4.55 - —
powd., bgs., c.l.....100 lbs. 5.35 - —
l.c.l. ....100 lbs. 6.10 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,8] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd....lb. .08¼- —
bbls., c.l., dlvd....lb. .08½- —
l.c.l., dlvd....lb. .08¾- —
barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd....lb. .0585- —
calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd....lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd..lb. .08¾- —
l.c.l., dlvd....lb. .09 - —
Zinc sulphide Pac. coast prices ¼c. higher. Bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms., lb. .28 - .31
Tallate, 5% Zn, 50-gal. dms..lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l. works....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd. Pac. cst....lb. .06½- —
ex whse., Pac. cst....lb. .07 - —
Zirconium hydride, cns., works. lb. 7.00 - 9.00
Nitrate, kgs., works....lb. 3.60 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 99%, grd., kgs., works. ex whse., Pac. cst....lb. .07 - —
lb. 1.80 - 2.00

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)
Amberol, phenol formaldehyde type, F-7, extra light, bbls., c.l., works..lb. .16½- —
l.c.l., same basis....lb. .17 - —
light, bbls., c.l., same basis, lb. .16 - —
l.c.l., same basis....lb. .16½- —
dark, bbls., c.l., same basis, lb. .15½- —
l.c.l., same basis....lb. .16 - —
F-71, light, bbls., c.l., works, lb. .16 - —
l.c.l., same basis....lb. .16½- —
F-77, bbls., c.l., works....lb. .18½- —
l.c.l., same basis....lb. .19 - —
K-12-A, bbls., c.l., works..lb. .17 - —
l.c.l., same basis....lb. .17½- —
B/S-1, light, bbls., c.l., works, lb. .15 - —
l.c.l., same basis....lb. .15½- —
dark, bbls., c.l., works..lb. .14½- —
l.c.l., same basis....lb. .15 - —
M-98, bbls., c.l., works....lb. .17½- —
l.c.l., same basis....lb. .18 - —
M-93, bbls., c.l., works....lb. .18½- —
l.c.l., same basis....lb. .19 - —
226, bbls., c.l., works....lb. .22½- —
l.c.l., same basis....lb. .23 - —
ST-137, bbls., c.l., works..lb. .33 - —
l.c.l., same basis....lb. .33½- —
ST-137X, bbls., c.l., works, lb. .32 - —
l.c.l., same basis....lb. .32½- —
HH-1 (70% in toluol), bbls., c.l., works..lb. .33 - —
l.c.l., same basis....lb. .35 - —
rosin maleic type, 800, extra light and light, bbls., c.l., works..lb. .15 - —
l.c.l., same basis....lb. .15½- —
801, extra light and light, bbls., c.l., works..lb. .16 - —
l.c.l., same basis....lb. .16½- —
801-P, bbls., c.l., works....lb. .15 - —
l.c.l., same basis....lb. .15½- —
806-P, bbls., c.l., works...lb. .15½- —
l.c.l., same basis....lb. .16 - —
808, bbls., c.l., works....lb. .16½- —
l.c.l., same basis....lb. .17 - —
820, bbls., c.l., works....lb. .18 - —
l.c.l., same basis....lb. .18½- —
Amberlac B-94 (80% in xylol), bbls., c.l., works..lb. .22 - —
l.c.l., same basis....lb. .22½- —
925, bbls., c.l., works....lb. .14 - —
l.c.l., same basis....lb. .14½- —
926, bbls., c.l., works....lb. .14½- —
l.c.l., same basis....lb. .15 - —
750, bbls., c.l., works....lb. .27 - —
l.c.l., same basis....lb. .27½- —
Aroclors, distilled, dms., c.l, works..lb. .18 - —
ton lots, works....lb. .18½- —
single dms., works....lb. .19 - —
undistilled, dms., c.l., works..lb. .15½- —
ton lots, works....lb. .16 - —
single dms., works....lb. .16½- —

B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret bbls., ton, works..lb. .33 - —
single dm. and less, works..lb. .33½- .36
100% phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, dms., non-ret. bbls., ton, works..lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35½
dark, non-heat hardening, BR-1529, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
BR-9434, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26 - .28½
BR-9476, dms., non-ret. bbls., works..lb. .29 - —

OPD—12-4-1944

CONSOLIDATED CHEMICAL INDUSTRIES INC.

MANUFACTURERS OF

SULPHURIC ACID
ELECTROLYTE
MURIATIC ACID
SALT CAKE
TEXINE ACID INHIBITOR
ALUMINUM SULPHATE
AMMONIA ALUM
POTASH ALUM
POTASSIUM SULPHATE
BONE BLACK
BONE MEAL

BONE FLOUR
BONE GREASE
BONE OIL
BONE GLUE
HIDE GLUE
DIGESTA BONE MEAL
EDIBLE GELATIN
EXTRACTED BONE GLUE
MEAT SCRAP
TANKAGE
SULPHATE OF AMMONIA
TALLOW

LARGE, MODERN, CONVENIENTLY LOCATED PLANTS

staffed by able chemists and engineers give customers the benefit of quality products, delivered when promised.

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We are the largest processors of spent sulphuric acid and offer our many years of experience in this field to the solution of your acid disposal problems. We solicit your inquiries for prices and technical services.

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HOUSTON, TEXAS LITTLE ROCK, ARK. BUENOS AIRES, ARGENTINA

SALES OFFICES

SAN FRANCISCO HOUSTON NEW YORK

Bakelite, dark, non-heat hardening, BR9476, single dm. and less, works..lb. .29½- .32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-14634, non-ret. bbls., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BR-10283, non-ret. bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .32½- .35
phenolic resins, oil modified, BR-2175 (MTO), non-ret. kgs., ton, works..lb. .38 - —
single kg. and less, works..lb. .38½- .41
BR-802, non-ret. dms., ton, works..lb. .346 - —
single dm. and less, works, lb. .351 - .376

Bakelite, phenolic resins, rosin-baking types, BV-1660, ret. dms., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BV-8966 (MTO), non-ret. dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
DV-10678, ret. dms., ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
BV-16607 (MTO), non-ret. dms., ton, works..lb. .212 - —
single dm. and less, works, lb. .217 - .242
dispersion resins, phenolic, BK-3962-X, non-ret. dms., ton, works..lb. .277 - —
single dm. and less..lb. .282 - .307

Bakelite, dispersion resins, phenolic, XK-16700, non-ret. dms., ton, works..lb. .27 - —
single dm. and less..lb. .27½- .30
non-phenolic, XK-16624, non-ret. dms, ton, works, lb. .225 - —
single dm. and less....lb. .23 - .255
resin modified, BR-2072, non-ret. bbls., ton, works..lb. .23 - —
single dm. and less, works, lb. .23½- .26
BR-2963, non-ret. bbls., ton, works..lb. .22 - —
single dm. and less, works, lb. .22½- .25
BR-11504, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less.....lb. .18½- .21
BR-11544, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less.....lb. .18½- .21
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works, lb. .45 - —
single dm. and less..lb. .45½- .48
solut., XR-4357, dms., wks, lb. .45 - —
single dm. and less..lb. .45½- .48
BJ-15408, non-ret. bbls., ton, works..lb. .24 - —
single dm. and less.....lb. .24½- .27
XJ-10433, ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
BR-9366, non-ret. bbls., ton, works..lb. .18½- —
single dm. and less..lb. .19 - .21½
100% phenolic, rosin reactive, XR-15775, non-ret. dms., ton, works..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, ret. dms., dm. charges included, ton, works..lb. .50 - —
single dm. and less..lb. .50½- .53
glycerine reactive, BR-10025, dms., ton, works..lb. .28 - —
single dm. and less..lb. .28½- .31
C-9 resins, solid types, BR-18202, non-ret. bbls., ton, works, lb. .15 - —
single dm. and less..lb. .15½- .18
BR-13260, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less....lb. .375 - .40
liquid types, BR-14590, non-ret. dms., ton, works..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15780, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
BR-16640, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
XR-15840, dms., ton, works, lb. .34 - —
single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum charges prepaid to destination in the United States on shipments of standard drum quantities or multiples thereof, with the exception of those to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming, deliveries to which cost 1c. per lb. more.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100 M-K, 1112-WG-N, dms., c.l..lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
1102, M-K, dms., c.l.....lb. .12 - —
l.c.l., same basis.....lb. .12½- .13
1116, K-1, 1123 M-K, dms., c.l., same basis..lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
1124, M-K; P-306, M-K, dms., c.l..lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
P-405, N-K, dms., c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-406, M-I, dms., c.l.....lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
1110, N-M, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
1111, WG-N, No. 1120, M-K, dms., l.c..lb. .15 - —
l.c.l., same basis.....lb. .15½- .16
Beckamine, P-2, works, dms., c.l..lb. .11½- —
l.c.l., same basis.....lb. .12 - .12½
P-138, works, dms., c.l.....lb. .22 - —
l.c.l., same basis.....lb. .22½- .23

Beckamine, P-196, dms., c.l....lb. .26 - —
l.c.l., same basis.....lb. .26½- .27
P-198, accelerator, works, dms., c.l..lb. .28 - —
l.c.l., same basis.....lb. .28½- .29
P-354, works, dms., c.l.....lb. .20½- —
l.c.l., same basis.....lb. .21 - .21½
P-364, works, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .13½- .14
Beckopol, 1400 M-K, dms., c.l..lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
solid, No. 18, 4-5 (80% M.S.), dms., c.l..lb. .26 - —
l.c.l. same basis.....lb. .27 - .28
No. 24, 4-5L (80% toluol), dms., c.l..lb. .33 - —
l.c.l., same basis.....lb. .34 - .35
No. 36, 4-5 (60% toluol), dms., c.l..lb. .38 - —
l.c.l., same basis.....lb. .39 - .40

C

Cumar resin, AX, non-ret. drums, net weight..lb. .06¼- —
BX, net weight.....lb. .06¼- —
CX, gross weight.....lb. .06⅝- —
DX, gross weight.....lb. .05⅛- —
EX, gross weight.....lb. .05¼- —
Cumar resin, FX, gross weight, lb. .05⅝- —
FX, gross weight.....lb. .05⅝- —
MH, col. 1.....lb. .11⅝- —
1½-2.....lb. .10⅝- —
2½-3½.....lb. .09⅝- —
9.....lb. .06½- —
MS.....lb. .10⅝- —
P 10°-90° C., col. 2½ and darker, lb. .10⅝- —
RH.....lb. .10⅝- —
RS.....lb. .10⅝- —
V col. ½.....lb. .12⅝- —
1.....lb. .11⅝- —
1½-2.....lb. .10⅝- —
2½ and darker.....lb. .09⅝- —
W col. ½.....lb. .13½- —
1.....lb. .12½- —
1½-2.....lb. .11½- —
2½ and darker.....lb. .10⅝- —

All "P" grades with melting point below 50 degrees C., and grades AX and BX are shipped in steel drums, with the two last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, dms., c.l., divd..lb. .15½- —
l.c.l. .....lb. .16 - .16½
B, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
E, c.l., divd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
H-1, c.l., divd.....lb. .19 - —
l.c.l. .....lb. .19½- —
PV, c.l., divd.....lb. .16⅝- —
l.c.l. .....lb. .17⅛- —
11, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .16⅛- —
22, c.l., divd.....lb. .13 - —
l.c.l. .....lb. .13½- —
22-B, c.l., divd.....lb. .10½- —
l.c.l. .....lb. .11 - —
33, c.l., divd.....lb. .15½- —
l.c.l. .....lb. .16 - —
44, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
44B, c.l., divd.....lb. .16 - —
l.c.l. .....lb. .15½- .16
55, c.l., divd.....lb. .15½- —
l.c.l. .....lb. .16 - .16½
562, c.l., divd.....lb. .16½- —
l.c.l. .....lb. .17 - —
640-N, c.l., divd.....lb. .15½- —
l.c.l. .....lb. .16 - —
660-N, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- —
750, any quantity, divd.....lb. .15 - —
830, c.l., divd.....lb. .17 - —
l.c.l. .....lb. .17½- .18
1806, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
1825, c.l., divd.....lb. .17½- —
l.c.l. .....lb. .18 - .18½
2185, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
2196, c.l., divd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
2600, c.l., divd.....lb. .16 - —
l.c.l. .....lb. .16½- —
2653, c.l., divd.....lb. .14½- —
l.c.l. .....lb. .15 - —
2728, c.l., divd.....lb. .16 - —
l.c.l. .....lb. .16 - .17
2776-BS, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
4040, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
Flex-Synol, A, c.l., works.....lb. .085 - —
1-20 dms.....lb. .09 - —
B, c.l., works.....lb. .095 - —
1-20 dms.....lb. .10 - —
C, c.l., works.....lb. .11 - —
1-20 dms.....lb. .115 - —

F

Flexalyn solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.....lb. .1223- —
l.c.l., 10 dms., same basis..lb. .1297- —
single dms., same basis..lb. .1447- —
smaller lots, same basis..lb. .1947- —
C solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1147- —
10 dms., same basis.....lb. .1222- —
single dms., same basis...lb. .1372- —
smaller lots, same basis...lb. .1872- —

G

Gen-tac resin, dms., gross weight, works..lb. .08 - —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs, works.. lb. .38 - —
5,000 to 29,999 lbs., same basis..lb. .39 - —
200 to 4,999 lbs., same basis. lb. .41 - —
up to 199 lbs., same basis..lb. .55 - —
No. 202, 30,000 lbs., works..lb. .45 - —
5,000 to 29,999 lbs., same basis..lb. .46 - —
200 to 4,999 lbs., same basis. lb. .48 - —
up to 199 lbs., same basis..lb. .63 - —
No. 203, 30,000 lbs., works...lb. .48 - —
5,000 to 29,999 lbs., same basis..lb. .49 - —
200 to 4,999 lbs., same basis. lb. .51 - —
up to 199 lbs., same basis..lb. .66 - —
Guai-a-phene, dms. (dm. deposit $6.00), works..gal. 2.47 - —
4 gals. or multiples, glass jars, 4 jars in each paper carton, works..gal. 2.62 - —
1-3 gals., cns., works....gal. 2.62 - —

Durez RESIN NEWS

Durez 500 Resin

Durez 500 is a pure phenolic oil soluble resin of the oil reactive type which combines with drying oil to give extremely resistant, flexible, and durable varnishes, primers, and paints, both of the air drying and baking types.

With hard drying oils, it produces extremely durable spar varnishes, chemically-resistant and anti-corrosive primers and coatings for structural steel, ships, and general industrial applications. When modified with ester gum or other hard resin, it gives high gloss, tough, elastic, and durable four-hour enamels, floor and deck paints, and trim and trellis paints. Used either straight or let down, it produces ready-mixed aluminum paints of outstanding durability.

Soft oil varnishes and vehicles having a very high degree of durability can be produced from Durez 500 Resin in combination with a small amount of heat-hardening resin such as Durez 202 Resin. A typical illustration of this type cook is Durez 50656 which uses dehydrated castor and linseed oils.

Durez 500 Resin is soluble in coal tar hydrocarbons, alcohol, and ketones. It is completely insoluble in petroleum hydrocarbons, but varnishes in most cases can be thinned with mineral spirits. The resin is not compatible with mineral oil and paraffin wax.

O. S. 1351
Exterior Projectile Paint

This specification of Navy Department, Bureau of Ordnance, is intended principally for identification purposes, but moderate durability is required of the paint. The film must resist water, petrolatum, and mineral spirits.

Durez 219 or 220 Resin will produce satisfactory vehicles for the O. S. 1351 paint as shown by formulations V-51046 and V-51047. The V-51046 uses Durez 220 Resin with dehydrated castor oil and linseed oil. The V-51047 uses Durez 219 Resin with a combination of dehydrated castor oil and linseed oil. Durez 219 and 220 Resins give fast, hard dries and have the required resistance and flexibility. Films after exposure to water, petrolatum, and mineral spirits retain sufficient flexibility to withstand a complete bend.

EBP No. 571-A
Toxic Wood Sealer

This Engineer Board specification, dated July 3, 1944, covers two types of clear wood sealer with toxic agent added. Type I is made with straight linseed oil, and type II is made with a combination of 100% phenol-formaldehyde resin, linseed oil, and dehydrated castor oil in a ratio equal to a short oil length varnish.

Durez 50950, a 100% phenolic resin of the aliphatic para-substituted phenol type formulated with dehydrated castor oil and linseed oil in a short oil length varnish, has the required resistance and other properties.

Flexible Super Spar

The V-9074 spar varnish, made with Durez 570 and tung oil and developed a number of years ago, has won wide approval because of its many features such as ease of manufacture and application, stability, fast dry, adhesion, resistance, gloss retention, and durability.

A modification of the V-9074 has been developed on the base of Durez 570 Resin to give greater flexibility and durability, especially for marine applications. The varnish, known as V-50991, has a kauri value of 220% and exhibits good dry.

For samples or further information on above Durez resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
1312 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

NOW! S&W AROPLAZ 1306 1309 1305

In addition to S&W Aroplaz 1306, the alkyd replacement now finding wide use in interior architectural and industrial coatings, U.S.I. now announces two variations of popular 1306. They are Aroplaz 1309 and Aroplaz 1305.

The two new resins differ from 1306 mainly in oil content. S&W Aroplaz 1309 contains slightly less oil and dries correspondingly faster; 1305 is still shorter, thus drying even faster and harder.

The three resins may be blended in any proportion to produce intermediate stages of drying time, hardness, and flexibility.

Write, wire, or phone for further information and samples.

★ AVAILABLE QUICKLY WITHOUT PRIORITY

★ PERFORM LIKE MODIFIED ALKYDS

SPECIFICATIONS

AROPLAZ	1306 65% SOLIDS in MS	1306 75% SOLIDS in MS	1309 75% SOLIDS in MS	1305 85% SOLIDS in MS
Acid Value (Plastic).....	10-15	10-15	10-15	10-20
Color (GH 1933).....	7-9	7-9	8-10	8-10
Viscosity (GH).....	T-V	Y-Z_1	W-Y	Z_1-Z_2
Weight/Gal. @ 25C.....	7.6 lbs.	7.8 lbs.	8.0 lbs.	8.2 lbs.
Reportable Oil Content (Prox.) on plastic resin.	65%	65%	60%	44%

U.S.I. INDUSTRIAL CHEMICALS, INC.
CHEMICALS RESINS ANTI-FREEZE SOLVENTS ALCOHOLS USI SERVICE TO INDUSTRY
60 EAST 42ND ST., NEW YORK 17, N. Y. BRANCHES IN ALL PRINCIPAL CITIES

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J

Jozite (see zinc-iron oxide pigment in regular list above).

K

Kadox (zinc oxide), East of Pacific Coast:—		
Nos. 15, 17 and 72, bgs., c.l., dlvd.	.07½-	—
l.c.l., dlvd.	.07½-	—
bbls., c.l., dlvd.	.07½-	—
l.c.l., dlvd.	.07⅝-	—
No. 25, bgs., c.l., dlvd.	.08½-	—
bbls., c.l., dlvd.	.08⅝-	—
l.c.l., bgs., dlvd.	.08⅝-	—
l.c.l., bbls., dlvd.	.09 -	—
Prices for kadox on Pacific Coast ½c. per lb. higher; l.c.l. prices ex warehouse.		
Kopol, 500, esterfied, D-B, c.l.	.22 -	—
l.c.l.	.23½-	.26
501, fused, c.l.	.20 -	—
l.c.l.	.20½-	.21

L

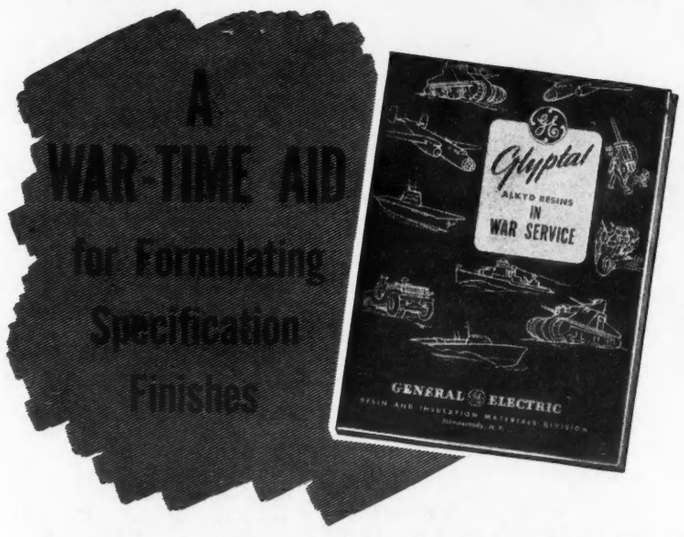
Lewisol resin, 2 L, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1.	.16½-	—
l.c.l., 10 dms., same basis.	.17 -	—
1 dm., same basis.	.17½-	—
smaller lots, same basis.	.22½-	—
28, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1.	.16½-	—
10 dms., same basis.	.17 -	—
1 dm., same basis.	.17½-	—
smaller lots, same basis.	.22½-	—
33, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1.	.16½-	—
Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Cost of non-returnable dms. is included in the price in each instance.		

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee. ton.	10.00 -	—
l.c.l., same basis. ton.	14.00 -	—
250 mesh, containers extra, c.l., same basis. ton.	15.00 -	—
l.c.l., same basis. ton.	17.50 -	—
325 mesh, containers extra, c.l., same basis. ton.	17.50 -	—
l.c.l., same basis. ton.	20.00 -	—
400 mesh, containers extra, c.l., same basis. ton.	20.00 -	—
l.c.l., same basis. ton.	22.50 -	—

N

Neo-fat drying oil, 170, dms., c.l., dlvd. lb.	.14¾-	—
190, dms., c.l., dlvd. lb.	.18¾-	—
290, dms., c.l., dlvd. lb.	.20¾-	—
fatty acid, 3R, dms., c.l., dlvd. lb.	.18¾-	—
17, dms., c.l., dlvd. lb.	.12¾-	—
19, dms., c.l., dlvd. lb.	.16¾-	—
Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums in all instances are returnable.		
Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works. lb.	.19 -	—
hard, color 2-½-4, melting point 85-95°C., same basis. lb.	.17 -	—
soft, color, 2-½-4, melting point 65-75°C., same basis. lb.	.17 -	—
10 C, color ½-4, same basis. lb.	.24 -	—
LX-483 same basis. lb.	.23 -	—
OA, same basis. lb.	.45 -	—
Neville resin, R-1 nevindene, col. ½, dms., works. lb.	.13½-	—
R-3, nevindene, col. 1, dms., works. lb.	.12½-	—
R-5, nevindene, col. 1½-2, dms., works. lb.	.11½-	—
R-6 nevindene, col. 2½-3½, dms., works. lb.	.10½-	—
R-7, N.P.S., col. below 3, dms., works. lb.	.12¾-	—
R-9, hard, col. ½, dms., works. lb.	.13¾-	—
R-10, hard, col. 1, dms., works. lb.	.11¾-	—
R-11, hard, col. 1½-2, dms., works. lb.	.10¾-	—
R-12, hard, col. 2½-3½, dms., works. lb.	.09¾-	—
R-13, medium, col. ½, dms., works. lb.	.12¾-	—
R-14, medium, col. 1, dms., works. lb.	.11¾-	—
R-15, medium, col. 1½-2, dms., works. lb.	.10¾-	—
R-16, medium, col. 2½-4, dms., works. lb.	.09¾-	—
R-16A, medium, col. 7-10, dms., works. lb.	.08½-	—
R-17, medium, soft, col. 3½-8, dms., works. lb.	.10¾-	—
R-19, medium soft, col. 3½-8, dms., works. lb.	.10¾-	—
R-21, soft, col. 3½-8, dms., works. lb.	.10¾-	—
R-22, special, soft, col. 3½-8, dms., works. lb.	.10¾-	—
R-27, medium, soft, col. 1, dms., works. lb.	.13¾-	—
R-28, medium soft, col. 1½-2, dms., works. lb	.12¾-	—
R-29, medium soft, col. 2½-8, dms., works. lb.	.10¾-	—
R-33, R-34, color 10-15, dms., works. lb.	.0625-	—
R-35, color 10-15, dms., gross weight, works. lb.	.0575-	—
465, 110-125° C., dms., gross weight, Pittsburgh. lb.	.08½-	—
Neville resin prices, except 465 resin, a freight equalized with Phila. Less the full drum shipments are 5c. per pour additional, f.o.b. Neville Island, Pa.		
Nevtex, 10, returnable dms., works. lb.	.08 -	—
90, returnable dms., works. lb.	.20 -	—
Nuba, 1, 80-95° C., dms., gross weight, works. lb.	.0290-	—
2, 100-125° C., dms., gross weight, works. lb.	.0290-	—
3x, 135-150° C., dms., gross weight, works. lb.	.04½-	—
Nuodex drier, cobalt, 6%, 400-lb. pkgs, works. lb.	.31½-	—
10½%, 100-lb. pkgs. lb.	.32 -	—
iron, 6%, 400-lb. pkg. lb.	.15½-	—
10%, 100-lb. pkgs. lb.	.22½-	—
Lead, 24%, 450-lb. pkgs. lb.	.14½-	.15
32%, 450-lb. pkgs. lb.	.18¾-	—
34%, 100-lb. pkgs. lb.	.19¾-	—
40%, 100-lb. pkgs. lb.	.22 -	—
28%, cobalt, 2.8%, 150-lb. pkgs. lb.	.30 -	—
manganese, 2.8%, 150-lb. pkgs. lb.	.23¼-	—



This new, easy-to-use Glyptal data book puts at your fingertips all the facts about Glyptal Alkyd Resins and their use in war-service formulations. The chart (above) presents in a very simple form, the constants, characteristics and film properties of each Glyptal solution. Another section lists government specifications together with suggested Glyptal solutions to use, and then gives suggested formulation for meeting specifications. You will find it a handy book to have. Write for a copy to Section RIM1042-35, Resin and Insulation Materials Division, General Electric Company, Schenectady 5, N. Y.

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- **FLEXIBILITY**
- **ADHESION**
- **TOUGHNESS**

WITH

VELSICOL AF-3 RESIN

For Aluminum Baking Vehicles

AF-3, a neutral resin, now off allocation, assures can stability to your aluminum paints and imparts perfect leafing in short and long oil vehicles. This important basic component contributes excellent adhesion to metals in low bakes (250° F. for one hour) combined with maximum hardness and flexibility of film.

For aluminum finishes of outstanding decorative appeal and quality use VELSICOL AF-3 based vehicles.

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VELSICOL

PLANT: MARSHALL, ILLINOIS

Nuodex drier, manganese, 6%, 400-lb. pkgs.....lb. .16¼- —
Zinc, 8%, 400-lb. pkgs.....lb. .16¼- —
10%, 400-lb. pkgs.....lb. .19¾- —
12%, 100-lb. pkgs.....lb. .28 - —
All prices are dlvd.. east of Denver.

P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .05¼- —
2, 100-125° C., dms., gross wt., works..lb. .05½- —
Paradene prices are freight equalized with Philadelphia, Pa.
Paradura, 46, c.l., dlvd.....lb. .22¾- —
l.c.l. .....lb. .23¼- —
273, c.l., dlvd.....lb. .23 - —
l.c.l. .....lb. .24 - —
Paranol resin, hard. No. 1, c.l., dlvd..lb. .15 - —
l.c.l. .....lb. .15½- —
25, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —
54-E, c.l., dlvd.....lb. .18½- —
l.c.l. .....lb. .19 - —
105, dark, c.l., dlvd.....lb. .14½- —
l.c.l. .....lb. .15 - —
X hard, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —
200, c.l., dlvd.....lb. .17¾- —
l.c.l. .....lb. .18¼- —
500, hard, c.l., dlvd.....lb. .16½- —
l.c.l. .....lb. .17 - —
X hard, c.l., dlvd.....lb. .19 - —
l.c.l. .....lb. .19½- —
850, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- —
1750, c.l., dlvd.....lb. .16¾- —
l.c.l. .....lb. .17¼- —
1855, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —

Parazenes, 4634 solution (50% in mineral spirits), c.l., dlvd., lb. .11 - —
l.c.l. .....lb. .11½- —
5 solution, c.l. and l.c.l., dlvd., lb. .13 - —
Pentalyn A, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .13 - —
l.c.l., 10 dms., same basis, lb. .13½- —
single dms., same basis.....lb. .14 - —
smaller lots, same basis..lb. .19 - —
G, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1..lb. .14½- —
l.c.l., 10 dms., same basis..lb. .15 - —
single dms., same basis..lb. .15½- —
smaller lots same basis..lb. .20½- —
P.H.O., dms., works.....lb. .24 - —
Phencondensol V-120, non-ret. dms., dlvd.,c.l..lb. .14½- —
l.c.l., same basis.....lb. .15 - —
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-85, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
Piccoumaron resins,[1] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .08 - —
420-T, same basis.....lb. .0675- —
422-R, 423-R, 425-R, 427-R, bulk, net wt., same basis.lb. .1075- —
430, 435, bulk, gross wt., same basis..lb. .045 - —
440-T, same basis.....lb. .0625- —
450, 450-H and 450-S, same basis..lb. .09 - —
450-EH same basis.....lb. .0975- —
460-T, same basis.....lb .0575- —

Piccoumaron, XX-25, XX-40, bulk, net wt., same basis..lb. .0625- —
XX-55, bulk, gross wt., same basis..lb. .0675- —
XX-70, XX-100, same basis.lb. .0525- —
XX-115, same basis.....lb. .0575- —
T-115, same basis.....lb. .0725- —
70%, 420-S Sol., ret. dms., net wt..lb. .075 - —
Pliolite S-1 powder, ton lots, works..lb. .75 - —
dm. lots, same basis.....lb. .78 - —
less dm. lots, same basis, lb. .83 - —
milled S-1, ton lots.....lb. .84 - —
dm. lots, same basis.....lb. .88 - —
less dm. lots, same basis, lb. .93 - —
Plyophen, solution, 5000, c.l., works..lb. .18 - —
l.c.l., same basis.....lb. .18½- .19
5010, c.l., same basis.....lb. .18½- —
l.c.l., same basis.....lb. .19 - .19½
5011, c.l., same basis.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
5012, 5013, c.l., same basis..lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
5014, c.l., same basis.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½

R

Resinous oil, No. XI, returnable dms., works..lb. .0160- —

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations)
Staybelite ester, No. 1, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .17½- —
10 dms., same basis.....lb. .18¾- —
1 dm., same basis.....lb. .19¼- —
smaller lots, same basis....lb. 24¼-

Staybelite ester, No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1824- —
No. 3, returnable black iron dms, c.l., f.o.b. cars, destination, zone 1..lb. .1974- —
10 dms., same basis.....lb. .2049- —
1 dm., same basis.....lb. .2149- —
smaller lots, same basis...lb. .2649- —
No. 10, non-returnable fiber dms.,[2] c.l., f.o.b. cars, destination, zone 1..lb. .14¼- —
No. 10, dms., same basis.....lb. .14¾- —
1 dm., same basis.....lb. .15 - —
smaller lots, same basis...lb. .20 - —
Super-Beckacite, RM-254, 1001, 1020, c.l..lb. .33 - —
l.c.l., same basis.....lb. .33½- .34
1003, F.E., c.l.....lb. .31 - —
l.c.l., same basis.....lb. .31½- .32
2000, M-K, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
2667, E-D, c.l.....lb. .26 - —
l.c.l., same basis.....lb. .26½- .24
3011, c.l.....lb. .31¼- —
l.c.l. .....lb. 32 - 32½

V

Vanadiset resin, dlvd. Balto-Washington area, c.l. (over 25 tons)..lb. .015 - —
1-25 tons.....lb. .025 - —
under 2,000 lbs.....lb. .04 - —
Canada, Windsor to Montreal, c.l. (over 25 tons)..lb. .017 - —
1-25 tons.....lb. .027 - —
under 2,000 lbs.....lb. .04 - —
Greater N. Y., N. J., New Eng., Del., East Pa., c.l. (over 25 tons)..lb. .015 - —
1-25 tons.....lb. .024 - —
under 2,000 lbs.....lb. .04 - —
Ill., Ky., Tenn., Carolinas, Ga., Mo., Ia., Wis., Minn., Fla., Ala., Miss., c.l. (25 tons), lb. .017 - —
1-25 tons.....lb. .027 - —
under 2,000 lbs.....lb. .042 - —
Louisiana, Ark., Okla., Tex., Colo., Neb., Kan., Dakotas, c.l. (over 25 tons)..lb. .02 - —
1-25 tons.....lb. .03 - —
under 2,000 lbs.....lb. .045 - —
N. Y. State, Pa. (West of Harrisburg), Western Maryland, c.l. (over 25 tons)..lb. .016 - —
1-25 tons.....lb. .025 - —
under 2,000 lbs.....lb. .04 - —
Ohio, Mich., Ind., W. Va., c.l. (over 25 tons)..lb. .016 - —
1-25 tons.....lb. .027 - —
under 2,000 lbs.....lb. .04 - —
Pac. coast, Ariz., New Mex., Utah, Nev., Idaho, Mont., Wyo. and Canada (except Windsor to Montreal), c.l. (over 25 tons)..lb. .025 - —
1-25 tons.....lb. .035 - —
under 2,000 lbs.. .....lb. .045 - —
Vanadiset prices are subject to an 8 percent tax on transportation.
Vinylseal adhesive solutions, vinylite resin AYAB, 69-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va...gal. 2.75 - —
less than drum lots, same basis..gal. 3.00 - —
AYAF, 35% by weight, solution in acetone, A-35, drum lots, same basis..gal. 2.10 - —
less than drum lots, same basis..gal. 2.50 - —
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T 24-9, 20-drum lots, same basis..gal. 2.00 - —
drum lots, same basis....gal. 2.25 - —
less than drum lots, same basis..gal. 2.50 - —
23% by weight, solution in 82% methyl acetate, MA 23-14, 20-drum lots, same basis, gal. 2.15 - —
drum lots, same basis...gal. 2.40 - —
less drum lots.....gal. 2.65 - —
All "Vinylseal" containers except 1-gal. size are returnable. Extra charge of 40c for 1-gal. containers; 55-gal. drums are valued at $5 each.
Vinylite resins, vinyl chloride-acetate, VYLF, VYHH, VYNW, VYNU, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va..lb. .88 - —
10,000 to 29,999 lbs., same basis..lb. .89 - —
200 to 9,999 lbs., same basis, lb. .40 - —
1 to 199 lbs., same basis.lb. .56 - —
VYNS, c.l. (30,000 lbs.), paper bags,same basis..lb. .50 - —
10,000 to 29,999 lbs., same basis..lb. .51 - —
200 to 9,999 lbs., same basis, lb. .52 - —
1 to 199 lbs.. same basis..lb. .68 - —
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis..lb. .47 - —
10,000 to 29,999 lbs., same lb. .48 - —
200 to 9,999 lbs., same basis, basis..lb. .49 - —
1 to 199 lbs., same basis..lb. .65 - —
vinyl acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi river, c.l. (30,000 lbs.).....lb. .40 - —
2,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 1,999 lbs. same basis. lb. .45 - —
1 to 199 lbs., same basis.lb. .60 - —
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.lb. .56 - —
10,000 to 29,999 lbs., same basis..lb. .39 - —
200 to 9,999 lbs., same basis, lb. .40 - —
1 to 199 lbs., same basis..lb. .56 - —
vinyl butyral resins, XYHL, XYHM, XYNC, granular, 93 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l..lb. .82 - —
10,000 to 29,999 lbs., same basis..lb. .83 - —
200 to 9,999 lbs., same basis. lb. .84 - —
1 to 199 lbs., same basis.lb. 1.00 - —

Z

Zinlac, orange or white, 50-gal. bbls..gal. 1.45 - —
kits (5 gals.).....gal. 1.85 - —
jugs (1 gal.).....gal. 1.90 - —

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A FINGERPRINT TEST was recently employed by Bakelite's laboratories to demonstrate the superior surface wetting characteristics of BAKELITE resin baking coating XV-17574. Greasy prints were laid on two metal panels which were subsequently coated with XV-17574 and another high-quality baking coating. After baking, both panels were exposed to a 200-hour salt spray test. BAKELITE resin baking Finish XV-17574 came through in perfect condition—a continuous, homogeneous film. Pronounced corrosion was evident in the grease-stained areas of the other panel because the coating was non-continuous over those spots.

Baking finishes based on BAKELITE resin XV-17574 form hard, insoluble, tenacious films—films that do not tend to pit, eye, or pull away from the contamination that lurks in microscopic cracks and crevices in metal surfaces, or from surfaces that are wet or oily. These finishes also apply well in sharp corners and recesses, and on welded and soldered seams. They have less tendency than other coatings to pull away from sharp metal corners, edges, and "burrs." They aid in the coating of very fine-mesh wire screens.

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Company.....

Street.....

City.....*Zone*.....*State*.....

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Directed, 1900-1942, by Harry J. Schnell

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Business Is World Influence

World politicians of the first order are manifesting an increasing interest in the commercial aspects of postwar problems. They are concerned with the manner and the extent to which business will be able to function in its role of economic mainspring. They are increasingly admitting the fundamental influence of industry and commerce, a fact which they always have known, but carefully camouflaged, lest their peoples get hold of a realistic criterion of their usefulness or necessity. Those who are, or pretend to be, disturbed by the preponderance of trade in the parleys of world leaders are due for a rude, jolting awakening when the real job of making the peace begins to take shape.

The reactions of the several major nations to the influence of postwar commercial probabilities are more interesting than informative. The United States is looking toward the establishment of a sort of subcabinet group, comprising the departments which have more or less to do with business matters, for the purpose of assuring this country's business an appropriate share of postwar world trade. Why another bureaucratic organization should find favor nobody knows except those who comprehend the reasons for the existence of three uncorrelated, uncooperative Federal labor agencies or the relative fields of activity of the state and commerce departments in matters of foreign trade in which the Foreign Economic Administration, the United States Commercial Company, and several third-string agencies also have a hand—or a foot. All that over trade which never could be made pay more than 10 percent of this country's marketing bill.

On the other hand, Great Britain, which must find the greater part of its markets and a still larger part of its supplies in foreign trade, is abolishing its Ministry of Economic Warfare December 31. It has long been recognized in that country that the best role for government in business is that of a well-informed, understanding adviser and a fully prepared defender of undertakings abroad.

The Cabinet of the President of the United States should be all-sufficient for all the relations in which the government must engage at home and abroad. There should be a place in it for all the subgroups necessary to take care of all essential powers and duties now scattered among a score of supplementary, but rarely complementary, boards, commissions, and administrations, with a minimum of duplication and conflict.

Business is going to return to its place at the top of economic influences as soon as the more, but not wholly, political influence of war is withdrawn. Government must be in position to understand all the connotations of that fact and prepared to deal with the consequences; more bureaus will only make its operations more cumbersome and more uncertain in results. In the big needs of postwar trade, the salvaging of lame ducks will have no place. Whatever steps are necessary should be taken now to make it possible for business to know just what it can expect in the way of relevant governmental activity in connection with its postwar problems, foreign and domestic, and where the activity is centered.

—O-P-D—

Employment Can Be Given

Bituminous coal mines are producing as much as they did in 1918, with half as much manpower. A drug manufacturer saved the full time of five employees by installing new equipment costing only $75. Mechanization is very helpful in solving problems of inadequate manpower. But, what about the postwar years when men will be many and still better machines will be at hand?

Is it any wonder that businessmen are beginning to worry about what to do when peace returns with the men whom they now must plan and contrive to get along without? They have a particular fear that all too many of those returning from the wars will look for employment in manufacturing lines, where there is a distinct limit of absorption. They fear also that there will be such a big rush into the keeping of small stores by those whose experiences with topsergeants have made them determined to be their own bosses, that competition will be crowded past the point of suffocation and business failures will become a catastrophic national epidemic.

These fearful folk do much bewailing of the inability of producing and distributing business to provide full employment for all those who will have to be employed, or maintained more expensively at public cost. Few of them, very few also of other solvers of postwar problems, suggest the possibilities of other lines of employment. They overlook the fact that the special mechanical training which thousands of men in the armed forces are getting will bend them in the direction of automobile service stations and other jobs of maintenance and repair. It can be that the outlying districts will be much traveled by itinerant tinkers in jeeps.

Then there are the fields of what lacks a better name than that of domestic service. It is in this direction that those worried over the crowding of manufacturing and mercantile lines can help everybody. They can provide many jobs in garage and garden, in stable and kennel, in field and woodland, and a dozen other places. They can pay real wages for these services, and many of them are ready to do just that—if they are afforded the same right of deduction for tax purposes as they would have if they provided the same employment in shop or store.

Ten million men can be given employment in such domestic services or handyman's jobs. That is enough to get the attention of Congress in its study of employment problems—it is studying them, is it not? The possibilities in that direction are not obscure. But, they need cultivation. Surely it is as reasonable for taxpayers to deduct from their taxable income the amount they pay for such work as it is to take off what they contribute to the local community chest toward the relief of those who would be better off in every way if they had the jobs the taxpayers could provide.

—O-P-D—

Reconversion Must Wait

War production curtailment is being outlined for 1945. It has been said that, when the battle of Europe has been won, armament output will be cut from 15 percent to 25 percent. This is a substantial change from the 40 percent recently predicted and, to an extent, planned; but, it is still too much—insofar as advance publicity is concerned.

This country is fighting a war. Those who are doing the real work of that job can get along without any conversion of productive industry to civilian peacetime needs. With full war production behind them, some of them are dying in the endeavor to finish the job. Nobody is dying at home because civilian production is held back a little. Many more will die on the fighting fronts if the supply of necessities is not adequate. Nobody will die on the home fronts if there is not an increase in the supply of things which some of them would like to have.

Munitions save men. They will be as necessary on the thousand-mile fronts of the Far East as they are on the hundred-mile fronts of Europe. And the adequacy of their availability will be proportionate to the larger area of their need. Even after the Japanese homeland has been taken there will remain a thousand islands to be cleaned of the bestial residue. And men cannot do that job with fists and feet. When the German fatherland has fallen to the attacking forces, there will be no end of the need for more and more munitions—even to end the nazi war. There are submarine nests in all the seven seas that must be cleared, cleaned, and demolished.

Labor leaders have offered the services of their organizations toward the full manning of continued war production. Organizations of business management are thereby left behind in enlightened public sentiment, because they do not now publish their purpose to see that the demands of war get full 100 percent of materials, machines, and men before any of these are turned to civilian production. Money is being made here and there by those, native and alien, who cater to the clamoring of the heedless. But, nothing worthwhile is being lost by those who put the future of their country before their own. And much can come to them when the records of these days are spread before those returning from what is every American's first job—the assuring of his country's future.

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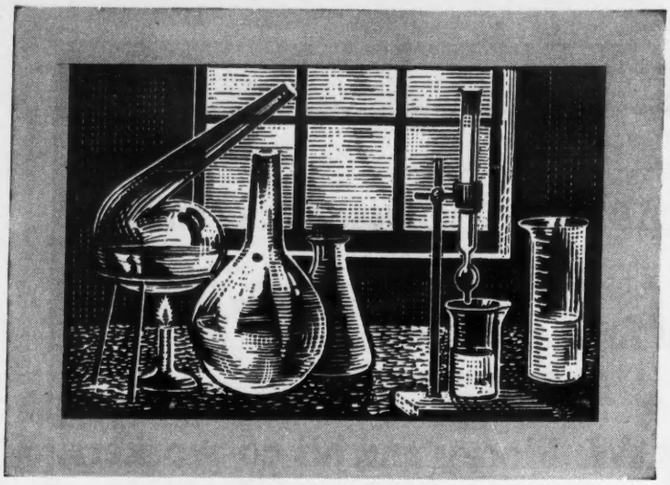

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Heavy Chemicals

Paramount in the week's developments was the placing of sulphuric acid under allocation by WPB on December 1. Distribution is now subject to the terms of schedule 74 of general allocation order M-300. Included in the regulations of the schedule is a provision which states that persons placing orders with suppliers in other states for delivery of 500 tons per month from all suppliers, must furnish each supplier with a certified statement of proposed use. It also specifies that any person who has received sulphuric acid for a particular use, may without application or authorization, use the residual acid for any purpose except for superphosphate. To use it for superphosphate production, application must be made to the Chemicals Bureau.

Some curtailment in production pinched the supply situation tighter in soda caustic. The available supply of chlorine has reached a decidedly low level. Most of the metallic soda was channeled for government use and the same was true of naphthenic acid. Most all of the ammonia silicofluoride was purchased by the aluminum and magnesium industries. Latest figures on methylchloride showed a new high in output. Favorable prospects for an increase in vat dyeing has stimulated the demand for formic acid. Oxalic acid continued very tight with no material available for export.

Paper production as a percentage of six-day capacity was 90.3 in the week ended Nov. 25, according to the American Paper & Pulp Association. This compares with 91.7 in the previous week and 87.6 percent a year ago.

Production and supply figures appearing in some of the following market reports were released by the Chemicals Bureau of WPB.

Acetic Anhydride—September production was placed at 40,837,920 pounds compared with 41,361,179 pounds in August. Stocks at the end of September were 12,295,443 pounds, which is in excess of any other month so far this year. Stocks at the end of August were 11,745,833 pounds.

Ammoniac Sal—Buying interest has continued active with the major part of sales reported for battery use. Production has been maintained at a level sufficient to take care of demand without difficulty.

Arsenic—General allocation order M-300, schedule 46, has been amended to allow the small exemption to one barrel, not to exceed 700 pounds per person, per quarter, for pharmaceuticals and for laboratory reagent use only.

Bleaching Powder—Consumers were reported to have been able to cover their requirements in full for both machine and chamber grades. There was also enough of calcium hypochlorate, high-test to go around.

Cadmium—WPB has announced that cadmium chemicals may now be sold without the necessity of the purchaser certifying to its use, according to an amendment of GPO-M-65. Heretofore, cadmium could be used in the manufacture of chemicals but no provision was made for the disposal of these chemicals within the framework of the order. Officials emphasized that cadmium is still a critical item, and the amendment is not to be construed as a relaxation of controls governing this metal.

Chlorine—Shipments to war industries and for essential requirements have brought the available supply to a relatively low level. Producers reported the market decidedly tight at the close of the week.

Copper—When sales are made from reserve stockpiles by government agencies to foreign buyers, these foreign buyers may absorb the cost of freight from the stockpile to the port of exit, OPA announced November 30. Government agencies have accumulated stocks of copper to insure an adequate supply for war needs. This accumulation has been an expense to the government, since it had to absorb the freight or other costs involved in maintaining a stockpile. However, sometimes an accommodation sale to a foreign consumer is requested for delivery to a port of shipment which would require an abnormal freight absorption if sold from the stockpile. Therefore, effective as of November 7, the foreign consumer may pay this freight, the agency said.

Methyl Chloride—Production of this chemical increased sharply during the month of September, the output reaching the highest monthly level so far this year. The total stood at 2,417,784 pounds, compared with 2,138,819 pounds in August. Stocks at the close of the month were 370,776 pounds, against 383,574 pounds at the end of August.

Soda Caustic—Supply conditions appeared tighter than usual with flaked material exceedingly scarce. Production was aggravated by labor difficulties experienced with the transmission of power at a large producing plant in the Middlewest. There was no abatement of demand from the major consuming industries.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Acids

Acetic—Production of synthetic for September was placed at 22,277,754 pounds against 23,355,074 pounds in August. Stocks at the end of September were 7,083,246 pounds, compared with 6,280,788 pounds at the end of August. Output of natural and of that made from lime acetate amounted to 3,053,550 pounds in September compared with 3,176,373 pounds in August. Stocks at the close of September were 1,430,125 pounds against 1,313,666 pounds in August.

Formic—Reported available in moderate quantities. The difficulty has been in securing sufficient labor to pack the material and ship it from works. Demand from the textile industry has shown a tendency to expand. It was asserted that relaxation in government demand for fabrics will increase vat dyeing and incidentally improve the call for formic acid.

Lactic Technical—September production was the smallest recorded so far this year. The total was 182,336 pounds, compared with 351,524 pounds in August. Stocks at the close of the month amounted to 356,664 pounds against 259,632 pounds at the end of August.

Oxalic—Market position remained definitely tight, owing to the heavily sold ahead condition of output. September production was the largest noted so far this year. The total was 1,590,158 pounds, compared with 1,377,471 pounds in August. Stocks at the close of September were down to 361,790 pounds against 482,974 pounds in August.

Sulphuric—All grades and strengths, both virgin and fortified, including oleum, and spent or recovered sulphuric acid were placed under allocation on December 1, and subject to the terms in schedule 74 of general allocation order M-300. Simultaneously, WPB revoked preference order M-257 effective December 1, except as to use and delivery during December, 1944, by suppliers located in the states of Washington, Oregon, California, Arizona, New Mexico, Nevada, Utah, Colorado, Wyoming, Idaho and Montana. Customers may order from these suppliers for delivery during December and may use the acid delivered on these orders without filing the certificates otherwise required by schedule 74, WPB said.

Insecticides

War Food Administration revoked its pyrethrum and rotenone orders November 29. Control over agricultural end use of the two insecticides will be handled exclusively through

For Current prices see alphabetical listing beginning on page 9.

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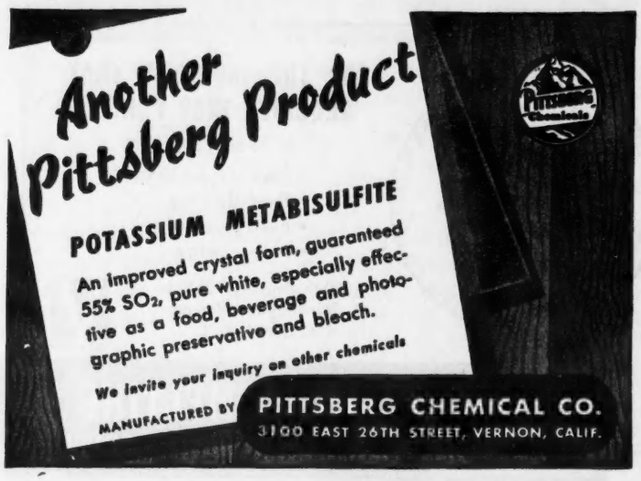
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TRIBUNE TOWER CHICAGO, ILL.

WPB allocations to processors and manufacturers in accordance with information furnished to WPB by WFA. Officials stated the revocation does not reflect any change in supplies of pyrethrum and rotenone, which are scarce. They pointed out that agricultural end use could be controlled effectively through WPB allocations and that war food orders 46 and 49 can therefore be revoked, in line with WFA policy of terminating its wartime controls whenever practicable. This now makes a total of 61 war food orders terminated. Under WFO-46 pyrethrum has been made available only upon direct request for specific use. Under WFO-49, there has been a list of permitted agricultural uses for rotenone insecticides. WPB will use the same list in making future allocations. The WFA will continue to act as claimant for agriculture's share of the total supply of each insecticidal material.

Quarantine and regulations in reference to the white-fringed beetle were revised and made effective November 25. The purpose of the revision, the secretary of agriculture stated, was to extend the regulated areas to include additional sections in which the beetles have been located, and to remove from the regulated areas of Baton Rouge, La., and vicinity, where a light, isolated infestation formerly existed.

Manufacturers of insecticides having ceiling prices based on their March, 1942, level of prices, may apply for price adjustments if their present ceilings threaten to limit or control production, OPA announced November 23. The pricing agency said that those applying for adjustments must be able to prove substantial hardship and have certification from WFA that their production is essential to the war effort. This is amendment 34 to supplementary regulation 15 to GMP regulation—insecticides and fungicides—effective November 27.

WFA delivered at shipside for lend-lease 30,000 pounds of nicotine sulphate during October.

Dow Chemical Co. Restrained by FTC

OPD Washington Bureau

The Federal Trade Commission has issued a cease and desist order to the Dow Chemical Company, Midland, Mich., with reference to alleged disparagement of "Kolene C," a dry-cleaning agent marketed by Kolene, Inc. The order restrains—

. . . misrepresenting in any manner the constituents of "Kolene C" or of any other competing dry-cleaning solvent; from representing that "Kolene C" is inflammable or explosive when used for dry-cleaning under standard or usual conditions for such work; that the hazard of fire or explosion from the use of "Kolene C" or other competing dry-cleaning solvent is greater than any such hazard is in fact; that the toxicity of or dangers from the fumes of "Kolene C" are greater than those from the fumes of the resopndent's solvents or misrepresenting in any manner the absolute or comparative toxicity of "Kolene C" or other competing solvent; and from making or publishing any false and disparaging representations concerning the dry-cleaning solvents of competitors.

Arnold, Hoffman & Co. Names Chemical Sales Head

Arnold, Hoffman & Co., Inc., manpresident in charge of purchasing and ufacturing chemists, Providence, appointed Jeffrey B. Henriques as vicesales for Arnold-Hoffman Company, its new industrial chemical sales division.

Shortly after the first of the year new offices will be opened in the Empire State building, New York, to accommodate both the present manufacturing sales division and the new heavy chemical organization. For the past twelve years, Mr. Henriques has been general purchasing agent for the United Merchants & Manufacturers Management Corporation.

Compton, Helies Join Velsicol Corporation

Velsicol Corporation, Chicago, has appointed Dr. Charles C. Compton as entomologist in charge of the agricultural insecticide division and Wallace F. Helies has been made sales development engineer.

Dr. Compton has been field and associate entomologist with the Illinois Natural History Survey since his graduation from the University of Connecticut in 1921. He is widely known and recognized as an authority in the department of greenhouse and agricultural insecticides and has made substantial contributions to the science of economic entomology. Mr. Helies, a graduate of Pratt Institute, was formerly with the chemical products department of the Standard Oil Company of New Jersey for ten years. The Velsicol Corporation, manufactures insecticides, resins, core oils, high solvency naphthas and other petroleum products and derivatives.

Trade Briefs

Hudson Chemical Company, St. Louis, has purchased a site at the intersection of Manchester avenue and Schaeffer place and plans to erect a plant there in the near future.

Andover Chemical Products Corporation, New York, has been formed with a capital of 150 shares no par value. Subscribers are S. White, F. Ellenbogen and S. K. Ellenbogen.

Resinous Chemical Manufacturing Corporation, Brooklyn, has been formed with a capital of $20,000 in $100 shares. Subscribers are M. Butcher, L. Ruby and H. Weidenbaum.

Walter J. Baeza, president of the Industrial Research Company, New York, delivered a talk at the meeting of The Chemistry Teachers' Club of New York, held at City College, on November 17. His subject was, "Progress in Powder Metallurgy."

Stein-Hall Adds Tweed to Paper Staff

E. E. Tweed, formerly technical control supervisor and chief chemist for Heald division of the Mead Corporation, Lynchburg, Va., has joined the paper department sales staff of Stein, Hall & Co., New York, and will cover the paper mills in the Southeastern States.

Clifford T. Fogarty will be transferred from Stein-Hall's Southeastern territory to cover the paper industry in New York State and Pennsylvania, formerly covered by Robert D. McCarron. Mr. McCarron will cover part of the New England territory, including some paper mills. F. W. Perry, who formerly covered the New England territory, is now acting manager of the New Products Development division of the technical department at the company's New York headquarters.

Pitts Plate Glass Names C.R. Fay Comptroller

The Pittsburgh Plate Glass Company, Pittsburgh, has appointed C. Robert Fay comptroller, succeeding Stuart M. Campbell, resigned. Mr. Fay has been secretary of the policy committee on war contract terminations for the Westinghouse Electric & Manufacturing Company since he returned last August after serving as consultant to the War Production Board on the Controlled Materials Plan.

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P.A.'s on Business

—Continued from page 3

out of balance. Specific sizes and repair parts are exceedingly difficult to obtain.

There is a generally easier situation on raw and semifinished raw materials. Bottlenecks are castings, plastics, and some chemicals. [Methanol and sulphuric acid are outstanding examples.—Editor, OPD.]

In Canada, the situation appears confused due to the recent announcement of a plan for the disposal of surplus stocks of war materials by the Dominion Department of Munitions and Supply, giving indications of large stocks available. Later advices show the necessity for continued production on a large scale.

Inventories

A decided trend reported in lower inventories bears out our statement of last month that purchasing agents are giving this subject top priority in their operations. Less than 5 percent report any increase in inventories, while an increasing number report reductions. Reports generally also indicate a further downward trend.

Improved production schedules, material control, and procurement all help to avoid the necessity for increasing inventories. Where business is diminishing, every effort is being made to bring inventories in line.

A contrast to this siuation, however, is indicated by a few reports from some buyers who express concern over the shrinking inventories. These reports indicate that during the past two years inventories in manufacturers' hands have been gradually depleted, including many obsolete materials. The situation, they feel, is now serious, with supplies on a hand-to-mouth basis. This particularly affects the retail trade.

All reports indicate, however, that the march toward lower inventories in industry will continue.

Employment

Lower employment figures continue to be reported where changes are shown. The lack of manpower is getting to be the main bottleneck in practically all industry. There is still some hope of relief through reduced war production. Disorganized conditions are prevalent. A stringent shortage of competent help, both male and female, exists. Workers released from special government projects are not inclined to transfer to prewar jobs because the work may be less pleasant. The release of men from the armed services appears to have made little change in the overall situation.

Very few localities report any increase in employment although some industries, such as foundries, show some increase.

Canadian buyers report a marked increase in applicants for work, apparently due to the closing or partial closing of war plants.

In the New England States terminations have affected some metalworking plants, but the decrease in employment has been more than offset by an increased volume in the textile industry.

The alert purchasing agent today will know the labor situation, not only in his own plant, but in the plants of his principal suppliers.

Buying Policy

Since our last report, the buying policy of purchasing agents has generally settled to a three to six months' commitment basis. The tendency is, of course, to shorten this wherever conditions will permit. As a result, buying is being done anywhere from hand-to-mouth to a period of one year where dire necessity and regulations dictate. Certain types of steel must be placed now for late next year rolling in order to stay in the suppliers' schedules. Bearings are on an eight to twelve months delivery schedule; small motors, six months; pig iron, four to six months; equipment, four to nine months; and many other items could be cited to indicate the situation. On the other hand many items, particularly ordinary supplies, can be purchased from stock.

In a situation such as this, purchasing agents are faced with a knotty problem of proper scheduling of deliveries. Buying only for actual requirements must also be the rule. A buying policy sufficient to protect war production schedules, reduce liability and detail in the event of termination, and make for a quick start in reconversion, must be the buyer's aim. Changes occur so rapidly today that no matter what the policy is, constant attention must be given to it. The sales commitments of one firm enter largely into this buying policy, and the purchasing agent today must be fully informed both as to quantity requirements and the conditions of sale.

Forward buying is for one purpose only: to get on the producers' schedules. Purchasing agents are not buying for inventory. They are avoiding heavy commitments, but must book orders several months ahead, especially where continued use is evident. To protect himself and his company the industrial buyer must be more conversant with the many angles of his company's business than ever before.

General

Purchasing agents continue of the opinion that business in the United States and Canada is good. The reports submitted, plus personal contacts with some leading purchasing executives in the Middle West, Southwest, and on the West coast, indicate that reconversion is not the bugaboo that it was first thought. Smaller types of businesses express no concern at all. Only the very largest types of business will be greatly concerned, and in these cases four to six months seems about the period after V-E Day, during which the problems will be critical.

Some concern is indicated by Canadian buyers over the optimism of recent months. The statement that this optimism is dangerous, they feel, is not sufficiently heeded. It is pointed out that the appalling task ahead is not comprehended by the large majority, and that a rude awakening may bring a pessimism which may seriously affect general business and employment.

Restrictions on permission to make civilian goods are being eased, but materials are tight; so, there appears as yet little progress being made. Most companies are eager, however, to get started while finishing up war contracts.

Cold weather, the holiday season, and plentiful money indicate the largest retail sales in history.

Many surplus stocks are being put on the market, and buyers may find some bargains.

Shipments East to West are taking longer, and West coast buyers are finding supplies harder to get.

The machine tool industry is receiving unrated postwar orders which appear to be offsetting cancellations. The industry looks for good business for at least six months after V-E Day. Many firms are looking over their equipment, and slower obsolete tools are being earmarked for replacement.

Over all, purchasing agents expect business to continue good for some time. At least no change is expected until after V-E Day. Labor seems to be the key in future planning. Materials are more readily available. Demand is such as to assure a greatly accelerated production if and when labor to produce is certain.

It appears that this is no time for purchasing agents to be either pessimistic or optimistic. Cold, unbiased facts and opinions, together with business trends gathered by careful and constant study, should be the guides.

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Fertilizer Materials

War Food Administration has now reduced its estimate of the amount of phosphate fertilizer that will be available for 1945 crops. Officials said that military demands for sulphuric acid appear to be such that less acid will be available for superphosphate production than had been estimated previously. Based on WPB sulphuric acid supply figures, it is estimated that a little less than 6,500,000 tons of superphosphate, 18 percent equivalent, will be available for agriculture this year, compared with 7,600,000 tons for last year. It is possible that the reduced supply of superphosphate may cause less mixed fertilizer to be made.

No recent changes have been reported in the overall supply situation for nitrogen, which is scarce in relation to requirements, and potash, which is relatively plentiful. There have been changes in the outlook for various nitrogen compounds and for this reason, WFA asserted that farmers whose crops do better on one form of nitrogen than another will stand a better chance of getting what they need if they order and accept delivery without delay.

Changing military requirements have reduced the estimated quantity of chemical nitrogen available for fertilizers during 1944-1945 by more than 100,000 tons of nitrogen, compared with the July 1 estimate. Solutions were available for fertilizer last month in about the same quantity as in October and December prospects are expected to be about the same amount. There is a possibility that all solutions will be withdrawn from fertilizers in January or February.

Ordnance bought some ammonia nitrate last month and is scheduled to take some more this month and in January and February although recent advices are that the December production will not be tapped by ordnance. It is not expected that any domestic ammonia nitrate will be available for fertilizer after February.

OPA has revised MPR-135 covering retail prices of fertilizer and materials. This amendment No. 2 was made effective November 28.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Nitrogenates

Ammonia Sulphate—Production durign the past month has registered a slight decline owing to a gradual easing off of steel output. Shipments, however, have not been up to the producing level and the supply situation has revealed moderate improvement.

Bone Meal—While sales to the feed trade predominated, some raw bone meal and some steamed was reported to have been purchased for fertilizer purposes in the West at prevailing prices. Demand was not very active while offerings continued moderate.

Castor Pomace—Any odd lots of this material that have reached the market have been absorbed rapidly. Shipments against standing contracts have taken care of production and additional offerings have remained definitely scarce.

Nitrogenous Material — Reported moving against standing contracts in steady volume but definitely tight for additional wants. Market position firm with production heavily sold ahead.

Soda Nitrate—Prices for domestic nitrate were quoted unchanged for December shipments. Ammonia-nitrate-limestone compound was also quoted unchanged for shipment this month. Demand was reported active enough to keep supplies of both domestic and imported in a tight condition.

Tankage—Activity reported irregular with wet rendered firm at ceiling levels. While feeders have shown some interest, prices are out of reach for fertilizer use.

Phosphates

Phosphate Rock—Supply situation favorable. Manpower shortage has been relieved to some extent by the infusion of foreign workers at the mines. Shipments to acidulators have continued fairly regular with temporary shortages of box cars reported. So far, the reduced output of superphosphate has not materially affected the movement of rock. Australia reported taking material against lend-lease.

Superphosphate—Indications of a reduction in output has stimulated the demand from fertilizer factories. Attempts to increase former commitments have added pressure to an already tight position. This influence was also reported in triple superphosphate where continued lend-lease shipments and labor shortages have prevented any improvement in the supply situation. In reference to the invitation of the government for bids on 1,500,000 tons of superphosphate to further the soil conservation program, it was reported that tenders so far have amounted to 400,000 tons.

Potashes

Looks like a production of 725,000 tons of K_2O will be made available for agriculture during 1944-1945. This figure compares with 605,000 tons last year. Reports were heard of some accumulations at producing points due to car shortage. It is understood that WPB officials are doing all they can to relieve the scarcity. Demand from mixers' has remained active, with plenty of material to meet allocations.

Sulphur and Pyrites

Production of sulphur was maintained at a level considerably above that of a year ago. This has kept the supply position favorable to meet an unusually heavy consuming demand for shipments without materially reducing the stockpile. The situation in Spanish pyrites did not uncover any new features. Shipping conditions are not of a character to induce active trading at present.

Markets at Other Centers

Atlanta, Dec. 1.—Crop goals set by WFA for each State are being presented to agricultural leaders this week for adoption. The program for Southern States calls for a slight increase in cotton acreage, substantial increases in wheat, oats, hay, lespedeza and crimson clover, while calling for decreases in Irish potatoes, hens, pullets, hogs and cattle. Other crops remain unchanged.

Baltimore, Dec. 1.—Menhaden fishing operations off the North Carolina coast showed varying results. The season will probably run throughout the month. It is estimated that the largest companies have booked orders for about 2,000 tons of scrap, with others adding 500 tons or so, with further increases in prospect. The exact tonnage is difficult to ascertain, since the factories have given more attention to buying by farmers and others who send their trucks to factories and haul the stuff away. This also makes for uncertainty as to the prices that have prevailed. The ceiling is $1.21 per unit of protein content, but it is thought that quite a portion of the ammoniate brought better returns because of the small quantities in which it was sold. The portion of scrap turned into meal is difficult to calculate under the ex-

Chicago, Dec. 1.—Trade in nitrogenous fertilizer materials has held up well. Interest was displayed to a considerable extent by buyers. Values are being maintained reasonably well on most products, although such materials as hard-pressed tankage recently has reflected some depression. Blood was in fair call. Tankage product items were steady, and bone materials held their own. Tankage—Feeding grade, unground, $5.53 per unit; liquid stick, tankcars, $2.50 to $2.65; hoofmeal, $4.25 to $4.50. Bone Materials—Ground, steamed bonemeal, 3 and 50 percent, $35 to $36 per ton; cattle jaws, skulls and knuckles, $45; dry, rendered tankage, hard-pressed, 95c. to $1.00; 50 percent meat and bone scrap, $68 to $70.

Los Angeles, Dec. 1.—Ammonia nitrate and sulphate last week were still in heavy demand, with many orders going unfilled, due to lack of supplies. Fish meal was firm at ceiling prices and while demand was not as urgent as earlier in the year, production moved readily on old and new orders. Output was light at San Francisco but relatively heavy at Monterey.

For Current prices see alphabetical listing beginning on page 9.

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Coaltar Chemicals

No abatement in the demand for basic coaltar chemicals could be noted over the turn of the month. Trade reports mentioned a slight improvement in shipment conditions for benzol but toluol and xylol were reported tighter. Naphthalene continued to feel the impact of an unusually heavy demand, manufacturers of phthalic anhydride affording the motive power behind the current buying movement. The markets for these products seemed likely to go through the month out of balance as the broad extent of demand was far in excess of the output limit. There was more evidence of equalibrium in the other basic chemicals. Supplies of coaltar, creosote oil, cresylic acid and phenol appeared better adjusted to meet demand but without revealing any excess inventories.

Acids, intermediates and dyestuffs reflected conditions prevailing in the basic markets. Stocks generally were short. Anilin oil production was held down by the stringency in benzol. The inquiry for phthalic anhydride emanated from synthetic resin factories. More maleic anhydride would have been purchased if the material was available. Demand fell off for diphenylamine owing to a more conservative buying attitude adopted by the synthetic rubber chemical makers. Pyridine stocks were held down through an active demand from makers of sulfa drugs and other medicinals.

Steel operations for the week beginning November 27 were scheduled at 96.3 percent of ingot capacity, compared with 95.4 percent for the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 94.9 percent. The current schedule is equivalent to a production of 1,732,400 net tons of ingots and castings for the week, compared with 1,734,200 net tons for the corresponding week in 1943.

Production and stock figures appearing in some of the following market reports were released by the Chemicals Bureau of WPB.

Basic Products

Benzol—Although there was no evidence of any relaxation from the tight position of the market, production appeared to have improved the shipment condition to some extent. The call for military use was reported active while intermediates, phenol and solvents were heavily represented in the week's movement.

Coaltar—Shipments have not varied much from former channels. The movement has been directed to areas where the inability to secure other fuel has threatened hardships and for specific requirements considered essential.

Creosote Oil—Production of tar distilled for the month of September was 6,933,432 gallons, compared with 9,008,557 gallons in August. Stocks at the end of September were 12,610,906 gallons against 17,869,732 gallons for the previous month. Byproduct production amounted to 4,121,993 gallons against 3,434,307 gallons in August. Stocks at the close of September were 973,050 gallons compared with 1,009,876 gallons in August.

Cresols—Output of ortho-meta-para for the month of September was 999,005 pounds against 1,154,520 pounds in August. Production in August was the largest recorded so far this year.

Cresylic Acid—Crude production in September amounted to 2,018,219 pounds against 2,489,407 pounds in August. Stocks at the end of September were 1,368,620 pounds compared with 1,731,725 pounds in August. Refined output in September was 3,368,852 pounds, against 3,432,460 pounds in August. Stocks at the end of the month amounted to 2,242,335 pounds, compared with 2,720,144 pounds at the end of August.

Naphthalene—Byproduct production for September was placed at 8,685,427 pounds, compared with 8,340,395 pounds in August. Stocks at the end of September were 2,972,277 pounds against 2,663,410 pounds for the previous month. Production of tar distillers for September amounted to 17,038,074 pounds, compared with 18,540,507 pounds in August. Stocks at the end of the month were 10,717,716 pounds against 6,987,332 pounds at the end of August. Production of refined, 79 degrees and over, amounted to 5,979,455 pounds in September compared with 6,122,595 pounds in August. Stocks at the end of September were 1,815,117 pounds against 1,971,951 pounds at the close of August.

Phenol—Consuming demand was reported steady with production able to meet allocations without unusual pressure. The chemical and dye industries are using around 1,000,000 pounds a month. Shipments for use in the manufacture of triphenyl phosphate and other plasticizers and plastics were reported heavy.

Toluol—Pressure of military demand combined with a heavy call from the manufacturers of chemicals, lacquers and solvents has forced the market into a somewhat tighter position. Full production has moved out rapidly to cover allocations.

Xylol—Demand for use in blending and in the manufacture of protective coatings has continued unusually heavy while no easement in the call could be noted for dyes, intermediates or cements. Under such influences, there has been no chance to build up inventories and the supply situation has shown a tending tightness.

Chicago, Dec. 1—Conditions observed in the coaltar bases market are generally tending toward strength. Buying has been routine but substantial. Activity in most cases indicates a desire on the part of purchasers to cover their needs promptly. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; industrial xylol, same basis, 27c.; 10-degree xylol, same basis, 30c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Supply position of these solvents has continued sensitive. Temporarily, there appeared to be enough material to meet government requests and synthetic resin requirements without difficulty. It was reported, however, that any material expansion in demand might tend to tighten the supply situation rapidly. At the current rate of consumption, the month's supply outlook seemed comfortable.

Coaltar Acids

Fumaric—Inquiry for use in processing intermediates, synthetic resins and plastics reported active enough to keep supply position relatively tight but without influencing any price change.

Laurent's—Reported in limited supply. Tight position of basic material combined with manpower shortage served to keep production down.

Maleic—Principal demand came from the manufacturers of synthetic resins and the movement in this direction drained output considerably. The amount made available for export last month was restricted to 3,521 pounds.

Other Intermediates

Anilin—About 8,000,000 pounds was cut loose by WPB last month which was about the same as in October and September. It was reported that considerably more could have been used in the dyestuff, rubber and petroleum industries if the material could have been secured.

Benzaldehyde Technical—Military requirements accounted for the major part of the movement of this material. Supply position left definitely tight.

Diphenylamine—Consuming demand has eased off for this material

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Nov. 25 indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,358,292
Benzol	gals.	3,762,998
Coaltar	gals.	14,687,827
Creosote oil	gals.	776,877
Naphthalene	lbs.	1,638,725
Phenol	lbs.	218,497
Toluol	gals.	752,599
Xylol	gals.	149,942

and supply situation was under less pressure. Buyers, particularly synthetic rubber manufacturers, have shown a disposition to keep inventories down.

Phthalic Anhydride — Production continued to be topped by consuming demand which prevented any improvement in the supply situation. Shipments for use in the manufacture of alkyd and other resins continued heavy. There was no indication of easement in general buying conditions.

Coaltar Colors

Shipments to regular consumers accounted for the week's movement. Restricted production necessitated by the difficulty in securing basic materials has kept the general market in limited supply. Requirements for government use were reported to have been covered satisfactorily.

Consulting Chemists Ass'n Names Baldwin Secretary

Robert T. Baldwin has been made executive secretary and assistant treasurer of the Association of Consulting Chemists and Chemical Engineers. A. B. Bowers has been appointed assistant executive secretary.

Beryllium Corp. to Open Chicago Sales Office

The Beryllium Corporation of Pennsylvania has reopened its Chicago sales office. Headquarters are in the Engineering building, 205 West Wacker drive.

Washington Talks It Over

—Continued from page 5

tion; more women smoke today than before; people are hoarding; distribution hasn't kept up with the shift in population; they are going in the overseas Christmas packages; cartons, labor, and manufacturing facilities are short; transportation shortages are delaying deliveries.

After surveying the whole situation, the lawmakers—those from the tobacco-growing States—are agreed only on one point:—the tobacco farmers ain't guilty.

Veterans' Jobs

Employers should make a note of the fact that the senate and house have just passed legislation extending the time during which returning war veterans may apply for the return of their old jobs. The bill (H. R. 5386) is now on the President's desk for signature and there is little doubt that it will meet with his approval.

Under the selective service act war veterans are privileged to ask for their former jobs or jobs of equal rank and pay within forty days after being discharged from military service. Congress now proposes to extend this period for ninety days, and in the case of those veterans who are hospitalized for less than a year after release from active service, the ninety-day period starts to run after they leave the hospital.

There is nothing in the bill which indicates that it is not retroactive; so those veterans who already have been discharged but haven't yet made application for their old jobs now have ninety days from the time they were discharged to apply for their old jobs.

Veterans' Promotion

Apropos the pending legislation to give war veterans more time to consider returning to their old jobs, the War Labor Board had cause recently to look into the intent of the law with respect to the rights of a veteran to promotions had he not been called into service. It was the conclusion of the board that the law preserves the veteran's rights in such matters.

To an employer who had raised the question, the board said that a returned veteran re-employed by his regular employer should be moved forward to the point in an automatic length-of-service schedule to which he would have been entitled had he been continuously employed during the time of his war service.

Rocket Bombs Funded

The senate voted its approval November 27 of a bill (S. 2194) sponsored by the Navy Department authorizing an appropriation of $50,000,000 for expansion of ordnance manufacturing and production facilities. The measure now goes to the house where quick action is expected.

The $50,000,000 authorization, it was explained, is to be used largely for rocket bombs to meet demands of both the army and the navy for this type of explosive. There has already been appropriated $660,000,000 for manufacturing of war materials by the navy and all but $10,000,000 has been expended. The legislation states that the additional funds may be spent at either private or government plants.

'Gas' from Coal Research Of B of M Described

The Bureau of Mines has released a review of its research during the past eight years in making gasoline and oil from coal and lignite—potential sources of motor fuels and lubricants for the day when natural petroleum reserves no longer can fill the growing demand. An unabridged copy of the publication, Technical Paper 666, "Bureau of Mines Research on the Hydrogenation and Liquefaction of Coal and Lignite," may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for 15 cents. It is not for sale by the Bureau of Mines.

Davies Nitrate Moves Office

Davies Nitrate Company has moved its office to 114 Liberty street, New York. The telephone is Rector 2-0403.

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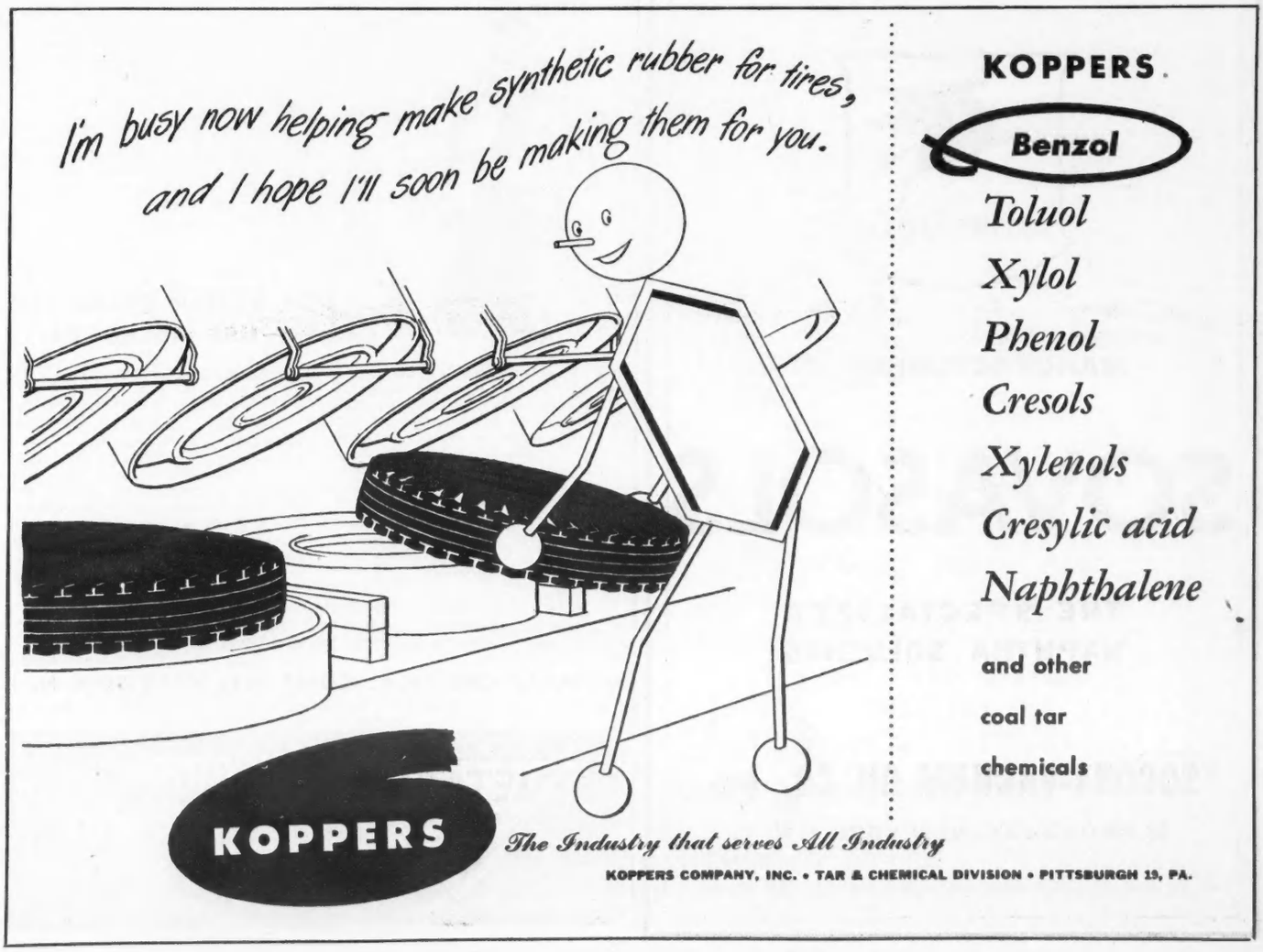

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Protective Coatings Materials

An avalanche of new military orders, descending upon the American protective coatings industry of late, has swelled its volume of war orders, especially in the materials needed in the coating of shells, gun and tank parts, and steel products for airport equipment, to such an extent as to offset all the recent contract cancellations and cutbacks in these lines and to send the aggregate of this business so far ahead of all previous records as to compensate amply for the increasing difficulties encountered in the endeavor to build up civilian business amid intensified shortages and restrictions on non-military uses of numerous materials, including linseed, and other drying oils, resins, shipping containers and skilled labor.

In order to provide for an extension of the colors permissible for use in coating metalworking equipment, hitherto restricted to "old machine gray" for final paint, enamel or lacquer coatings, the Tool Division of the War Production Board has amended WPB's limitation order L-108 so as to allow a variety of color finishes on such equipment, including ammunition and cartridge case machinery, lathes, planers, bolt, nut, rivet and screw machinery and machines for drilling, forging, gear-cutting and sawing. The permission thus granted for the use of this wider list of color finishes on metalworking equipment, effective November 29, has several limitations, however, necessitated, according to WPB, by the need for saving manpower until V-E Day. And these limitations, which continue to restrict the number of coats of paint, enamel or lacquer on this equipment, are to be retained.

Metallic Lead and Zinc

Lead pigment makers continue able to fill their requirements in metallic lead, free from anxiety on the score of any likelihood of impeding restrictions on their takings, inasmuch as there is still a plethora of the corroding grades and other forms of the metal employed by them, although the combined military and essential industrial takings of lead are reaching such large proportions as to suggest a further notable lowering of the government's stockpile by the end of this year, unless domestic production is increased to a considerable extent—sufficiently to meet all current needs and provide a surplus. Prices for pig lead have remained unaltered for the week Nov. 24-Dec. 1 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Despite the continued existence of plentiful supplies of zinc ore and concentrates, current production of zinc slabs is so much below aggregate requirements as to necessitate continuance of the requirement for zinc pigment makers to present priority ratings in order to fill their needs in these finished materials. Quotations for zinc slabs have continued unchanged for the week ended Nov. 24-Dec. 1 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Titanium Dioxide—A notable reduction in the number of rated orders for the "white pigments" received by producers and other suppliers within the last month has shown that the new requirement, set forth in amendment to WPB order M-353, calling for certifications attached to these orders to entitle them to priority in having same filled, is having the desired effect of making more titanium and zinc sulphide pigments available for distribution to the trade. To this extent, therefore, the latest amendment to order M-353 has relieved the intensity of the tightness in the supply situation insofar as it affects consumers not in possession of rated orders.

Zinc Oxides—There has been no perceptible easing of the taut supply situation in these pigments, with lead-free types still under only slightly abated allocation control and with stocks of leaded types being drawn upon so heavily by those unable to obtain authorization to buy the lead-free grades as to limit current offerings to small proportions.

Market Trends

Prices Advanced

Alphapinene, ½c. per gal.
Spirits of turpentine, ½c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Fillers and Extenders

Asbestos—Still moving steadily into consuming channels with prices for both Canadian and domestic material firmly held. Arrivals of 1,889,574 pounds are noted.

Chalk—In fair demand, with shipments of both imported and domestic grades going forward constantly. Arrivals of 300 bags are reported.

Mica—The paint trade continues to buy extensively of dryground, wet-ground and finely pulverized grades of scrap mica, with prices well maintained throughout the list.

Dry and Chemical Colors

Carbon Blacks—Inventories of channel black continue to be lowered to levels close to the danger point by the unabated heavy takings of manufacturers of synthetic rubber tires, whose purchases of the so-called rubber grades of these materials as well as of furnace blacks continue virtually unrestrained even by the allocation control exercised by WPB. Production of these types, although being hugely increased, is not yet sufficiently great to satisfy all the requirements of these seemingly insatiable consumers. Meanwhile the paint trade is having difficulty in filling its needs as stocks of the uncompressed blacks, to which most paint makers have had recourse of late, because of the unavailability of beaded blacks, have also been greatly reduced, with producers reporting a tight supply position and trouble in keeping up with orders.

Graphite—A steady movement is noted in this material into consuming channels. Arrivals of 1,900 bags are reported.

Umber—Only a routine business is currently being recorded in this pigment. Arrivals of 2,305,870 pounds have been registered.

Driers and Flatteners

Tallates—Fortunately for those paint makers requiring efficient drying materials and unable to obtain allocations of naphthenates, the current supply of tallates is sufficiently large to meet all their requirements, albeit manufacturers are compelled to operate their plants to capacity in order to keep this supply up to the needs of the trade. While lead cobalt, manganese and zinc types are in greatest demand, there is also a fair inquiry for the other types.

Stearates—There has been no lessening of the demand for these flatteners within the past week. Under the leadership of the zinc types, the movement of these materials continues to reach sizable proportions, with shipments of aluminum, barium, calcium, magnesium and other types likewise reaching fairly large proportions and with the producers finding it difficult to keep pace with the flood of orders that still pours in upon them, even while they are running their plants to capacity.

Lacquer Materials

Cellulose Acetate—A lightening of the paper work required in making application for cellulose acetate and cellulose acetate butyrate molding powder has been granted to molders of these compounds by WPB which, by amending schedule 52 of chemicals allocation order M-300 has elminated the requirements hitherto imposed on these molders to file their customers' form WPB-2945 in order to procure these materials. According to the revised regulations on these commodi-

For Current prices see alphabetical listing beginning on page 9.

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ties, molders have only to file certified statements of proposed enduse with their suppliers who, in turn, are to file WPB-2947 on the basis of the molders' certifications, instead of the heretofore employed form WPB-2946.

Methyl Acetate—Considerable recourse is still being had to this material by lacquer manufacturers usually employing ethyl acetate as a solvent but now unable to obtain the latter in the quantities they desire.

Naval Stores

With trading in gum rosin on the Savannah Cotton and Naval Stores Exchange continuing to be held down to the meager proportions of such offerings as could be made from stocks "on yard Savannah," operations in that commodity in the primary market for naval stores have been decidedly limited within the past week, consisting chiefly of private offerings and sales made from stocks located elsewhere than in Savannah. While the OPA price ceilings have continued to be adhered to scrupulously in the relatively small sales executed on that exchange, considerably higher prices have been asked and obtained in numerous instances in transactions in stocks at plants and in storage at points outside Savannah, under the ruling by OPA for establishing ceilings on this class of sales at the differentials based on the most favorable sales in the January-June period.

Turpentine has been advanced a half cent per gallon, on competitive bidding, to 79 cents in the Savannah market and has been in increasingly active demand in New York and at other centers along the Atlantic seaboard.

Turpentine—A sizable movement of gum turpentine is now under way, accompanied by an upswing of a half cent per gallon to a basis of 79 cents in the official primary market price. Renewed drafts are being made on CCC supplies, which on November 18 amounted to only 168,770 barrels.

Savannah, Dec. 1.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday ..	78½	3,150	57	5	26,334
Tuesday ..	78½	...	58	...	26,392
Wednesday.	78½	5,100	71	122	26,341
*Thursday..	..	...	...	...	...
Friday ...	79	5,500	89	168	26,262

* Savannah market closed in a belated observance of Thanksgiving Day in Georgia and several other Southern states.

Rosin—In the continued absence of action by OPA toward clarifying its ceiling price regulation on gum rosin, through the requested elimination of the words "on yard Savannah" or the adoption of some other expedient making exchange prices equally applicable to stocks held elsewhere, trading on the Savannah exchange has come nearly to a standstill, with offerings of stocks "on yard Savannah" being made and snapped up at the OPA ceiling prices on only three out of the possible five trading days. There has been a small increase in sales of stocks at other points at the price differentials prescribed by the recent OPA ruling, which have frequently favored the sellers.

Savannah, Dec. 1.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	*Thurs.	Fri.
B	$5.05	$5.05	$5.05	...	$5.05
D	5.12	5.12	5.12	...	5.12
E	5.65	5.65	5.65	...	5.65
F	5.75	5.75	5.75	...	5.75
G	5.79	5.79	5.79	...	5.79
H	5.81	5.81	5.81	...	5.81
I	5.81	5.81	5.81	...	5.81
K	5.85	5.85	5.85	...	5.85
M	5.87	5.87	5.87	...	5.87
N	6.03	6.03	6.03	...	6.03
WG	6.28	6.28	6.28	...	6.28
WW	6.55	6.55	6.55	...	6.55
X	6.55	6.55	6.55	...	6.55
	Drums				
Sales	97	...	248	...	167
Receipts ..	45	210	173	...	188
Shipments..	100	100	300	...	200
Stocks	16,174	16,284	16,157	...	16,145

* Savannah market closed in a belated observance of Thanksgiving Day in Georgia and several other Southern states.

Pine Oil—WPB has lifted regulations governing allocation of pine oil out of allocation order M-365, which it has thereupon revoked, and has put these regulations into its overall chemicals allocation order M-300, supplying a new schedule 73 in the latter order for this purpose. This new schedule in order M-300 provides for certified statements of proposed use of pine oil, requiring each person placing orders for delivery of an aggregate of more than 54 gallons per month to furnish each supplier with a certified statement of proposed use.

Synthetic Resins

Esther Gum—A steadily growing movement of this material has followed the upward repricing of this gum made wholly from gum rosin by a quarter cent per pound and the commensurate marking up of the material made from both gum and wood rosin authorized by OPA in its recent amendment 6 to maximum price regulation 406, which became effective November 11.

Phthalic Anhydride — WPB had announced, as a supplement to its No-

SICO

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Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
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vember interim allocations, that the phthalic anhydride content of non-specification protective coatings for the military will continue to be limited to 32 percent of the solid content of the vehicle. The types of coatings affected by this ruling are those made up under a manufacturer's own formulations and are required for certain specialized military uses where no military specifications exist or where the military services have agreed for particular reasons to waive any specifications that may be involved. In instances wherein this limitation might result in some hardship or delay, due to the necessity for reformulation, appeals for a temporary waiver may be made to WPB.

Vinyl Resins—OPA has named specific price ceilings, effective December 2, for all manufacturers' sale of plastic pipe nipples, fabricated from "11 plastic" which is made with copolymer vinyl and vinylidene chlorides. The new maximum prices, thus authorized by OPA on "11 plastic" pipe nipples range from 58 cents for a three-inch nipple, to fit a half-inch pipe, to $2.94 for a 12-inch nipple, to fit a two-inch pipe, and are the same as those contained in a recent individual OPA order.

A list of synthetic resins, with current quotations, appears in this issue of OPD, beginning on page 32.

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Varnish Gums

Copal—In the absence of further arrivals of Congo copal in the United States from the source country, save for a small lot of about 30 bagfuls, or approximately 3,307 pounds, importers and other suppliers in New York report their stocks of this natural resin greatly reduced, inasmuch as most of the arrivals have gone immediately into consumption upon reaching here, leaving only a relatively light supply in their hands.

Shellac — Shortages of skilled and even unskilled labor and the inadequacy of the current supply of seedlac are restricting the output of the bleacheries to such an extent as to make deliveries on new orders for bleached shellac, in most instances, impossible of accomplishment before February of next year. Likewise, similar handicaps insofar as labor is concerned, continues to limit greatly the production of both white and orange cut shellac. Even the recently granted allotment of 6 percent more ethyl alcohol to users outside of beverage makers has failed to enhearten the cutters, inasmuch as they are generally finding even the present allotment of denatured alcohol, amounting to 62½ percent of their 1941 consumption, more than sufficient for their operations, which are thus constricted.

Exports of shellac from Calcutta to all consuming countries for the seven months ended July 31, 1944, compared with those for the corresponding periods of 1943 and 1942, are shown below:—

	Packages		
	1944	1943	1942
Orange	144,766	39,851	198,126
Garnet	3,525	2,038	5,942
Button	11,966	700	9,104
Seed	35,543	3,037	72,593
Totals	196,800	45,626	280,765

Glues and Binders

Casein—Still another arrival of South American casein—a small one of only 400 bagfuls, or approximately 26½ tons—has been recorded without in any way affecting the market for this binder of foreign origin in this country.

Glues—Producers of both hide and acidulated bone glues continue under the handicap of an inadequate labor supply but relieved of endeavoring to make as equitable allotments of supplies among consumers as possible under the circumstances—a function recently taken over by WPB, whose allocations, based on individual applications of consumers, are expected to be continued throughout the remainder of this year and the first quarter of next year.

Hilo Varnish Formally Presented with 'E'

The Army-Navy "E" pennant for excellence in production achievement was presented to Carl J. Schumann, president of the Hilo Varnish Corporation, at a ceremony held in the Brooklyn plant November 28 by Col. Edgar W. Garbisch, District Engineer, N. Y. C. District Corps of Engineers.

Lt. Comdr. Charles Leete, U.S.N.R, Executive Officer to Resident Inspector of Naval Material, Brooklyn, New York, presented the Army-Navy "E" pins to F. G. Hennessy, president of the Hilo Union, as representative of the employees, and to Mr. Schumann as representative of the company management. Dr. H. S. Rogers, president of Polytechnic Institute of Brooklyn and president of Brooklyn Chamber of Commerce, acted as master of ceremonies.

N.Y. Paint Club Party Reservations Swell

Sixty members of the New York Paint, Varnish and Lacquer Association have reserved company tables of ten for the tenth annual Christmas party to be held in the Grand Ballroom of the Hotel Waldorf-Astoria December 7, at which they will entertain department heads, staff employees and customers. This number with individual reservations will result in an audience of 1,000, according to Renshaw Smith, jr., president. Cocktails start at 6:30, dinner at 7:15, and the show at 9:15.

As the dinner falls on the third anniversary of Pearl Harbor, the association will have as its guests three survivors—one a marine, one a navy man and one an army man.

Harold Johnson, program chairman, reveals that part of the show will consist of the entire line of girls from LaConga, and he declares that all phases of the affair will be musically noteworthy, but—the rest is a surprise.

Anthony Skett Joins R-H-B Dispersions

Anthony Skett has joined R-H-B Dispersions, Inc., to assist in the development of products useful to the paint, varnish and ink field. Mr. Skett recently directed research development and sales promotion activities of the American Gum Importers Laboratories, Brooklyn.

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Oils, Fats, and Waxes

Through an uncaught typographical error the designations, "Production" and "Consumption," were transposed with reference to the data on Fats and Oils, for September, tabulated on page 33 of OPD for November 20. The figures in the first (left hand) column are those for production.

Firmness continued to feature the oils and fats market during the week. A tight supply situation in practically all oils and fats restricted business, especially for early next year requirements. Prices were firm at ceilings.

A heavy demand for crude menhaden and sardine oils has strengthened these oils and bids at ceiling prices did not loosen up much material. Red oil was higher and advanced fractionally. Stearic acid was firm at ceilings with producers 30 days behind delivery schedules.

Dominion Bureau of Statistics issued the following figures on oilseed crops for 1944 and 1943. Flaxseed for 1944, 9,668,000 bushels and 17,911,000 bushels in 1943; soybeans, 1944, 682,000 bushels and 569,000 bushels in 1943; sunflower seed 1944, 8,500,000 pounds, and 5,302,000 pounds in 1943, and rapeseed 1944, 6,600,000 pounds and 2,823,000 pounds in 1943. Only the flaxseed production was smaller, farmers planted 1,323,000 acres this year compared with 2,948,000 acres in 1943 because prices were not remunerative. Sunflower seed is becoming an important crop in Manitoba, where 11,300 acres were planted this year as against 2,470 acres in 1943.

The War Food Administration has amended WFO No. 29, continuing through March 31, 1945, the suspension of restrictions on delivery of crude cottonseed, peanut, soybean and corn oils to refiners for refining purposes.

Cottonseed Oil

Trading in cottonseed oil futures showed improvement during the week, with sales of March and July deliveries made at the ceiling, 14.31 cents per pound. September reached a new high for the season and initial trading was transacted in October at sharp advances.

Inquiry for crude cottonseed oil was active, but trading was limited to light offerings.

Bleachable oil prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
December	....	....	14.31 nom.
March	14.31	14.30	14.20 bid
May	....	....	14.31 bid
July	14.31	14.31	14.00-14.31
September	14.00	13.95	14.00-14.31
October	13.75	13.70	13.60-14.00

Total sales, 29 contracts.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12c. (all ceiling prices).

Linseed Oil

This market was quiet, but strong in view of the scarcity of supplies of oil. Crushers were practically out of the market and limited sales to less than carlots to their regular trade. Carlots business was accepted with the understanding that delivery of oil would be made when and if seed was obtainable. The call for oil against former contracts was active and heavier than usual at this season. Raw active, but trading was limited due to oil was unchanged at 14.7 cents per pound, in tankcars and tankwagons.

Minneapolis, Nov. 29.—Crushers are merchandising small amounts of oil to needy buyers and selling principally from daily arrivals of flaxseed in the market. Production of oil holds around 80 percent of mill capacity with smaller mills running at full tilt and the larger mills conserving supplies of seed on hand and hoping to extend their operations well into the second quarter of the coming year.

Oil shipments were 5,640,000 pounds for the week as against 7,620,000 pounds a year ago.

	1944	1943
This week	5,640,000	7,620,000
Since Sept. 1	65,640,000	71,520,000

Flaxseed—Receipts of flaxseed reduced sharply. Trading was dull, though demand continued active.

Minneapolis, Nov. 29.—With the smallest supplies of domestic flaxseed for the 1944-45 season since 1940-41 there was little activity in the Minneapolis market last week. Receipts of flax tapered off rather sharply, being approximately half of what they were a year ago. A preliminary report by the AAA group in Minnesota indicated that unless some such supplementary help was given by government agencies the flax plantings in the Spring of 1945 would be approximately 800,000 acres as against a state goal of 1,500,000 acres.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	157,500	240,000	91,900	162,000
Since Sept. 1	9,058,500	14,880,000	1,171,400	1,273,000

Flaxseed markets at Minneapolis and Duluth during the week were unchanged at $3.10 (ceiling) per bushel for spot and forward deliveries.

Buenos Aires, Dec. 1.—No flaxseed shipments were made during the week. Visible supply was estimated at 4,921000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosario, $2.17⅜ per bushel.

Hull, Dec. 1.—Bombay, £32, November; Calcutta, £31¼, November; La Plata not quoted.

Other Vegetable Oils

Babassu—Receipts of kernels were reported at 28,833 bags and delivered against contracts to crushers.

Castor, Dehydrated—Active demand noted for delivery against orders, with deliveries behind contract schedules. New business also in good volume.

Copra—Receipts of 1,675 tons were reported and consigned to crushers against former contracts.

A bill, H. R. 1033, suspending existing tariff duties on coconuts and coconut meat for the duration of the unlimited emergency, was reported to the house November 28 by the house committee on ways and means. The bill suspends paragraph 758 of the Tariff Act, which imposes a duty of one-half cent each on coconuts and 3½ cents a pound on the meat, and would become effective immediately. The measure was urged by the War Department in the belief that it might increase the importation of coconuts for extraction of the oil and the use of the shells for charcoal.

Oiticica—Light demand continued for small lots on the spot, the market was steady and unchanged. Supplies here were not heavy but sufficient to cover demand. Consumers were showing little interest in futures. There is a marked scarcity of cargo space and drums in Brazil.

Olive—Importers of Spanish oil were still awaiting definite news as to the shipment of oil purchased recently. The supply situation continued tight. Offerings of domestic oil were scanty and in good demand.

Peanut—Increased output of crude peanut oil was readily absorbed in the South at ceilings. Demand was active for prompt and forward delivery.

Rapeseed—London cable advices reported the advance of £3 per ton to £88 per ton.

Fats and Greases

Grease—Inquiry was active and light offerings were promptly taken at ceilings. All grades were firm and scarce.

Lard—Scarcity of supplies continued to feature the market. The bulk of production is moving for government account and little material was available for civilian use. Packers are sold up and doling out small quantities to their regular trade. WFA offering 20,216,317 pounds of prime steam lard (lecithin added) for sale to meat packers on the basis of bids received by the Sales Division Office of Distribution. The lard will be sold only to purchasers who agree to sell to CCC like quantities of boxed refined lard conforming to export specifica-

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

Red oil, ½c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.4	192.1	191.9	195.3

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Margarin Production: Sept.-Aug.

Production of margarin in September amounted to 51,083,058 pounds, compared with 37,664,680 pounds for August, 1944, according to the Bureau of Internal Revenue.

	Pounds August 1944	1943
Production of uncolored oleomargarin	[1]33,263,077	[2]38,573,751
Withdrawn tax-paid	33,285,071	37,842,550
Used in Uncolored Margarin		
Butter culture	.....	60
Butter flavor	1,839	1,293
Citric acid	297	2
Corn oil	868,479	205,488
Cottonseed oil	13,372,490	20,444,880
Cottonseed stearin	.....	7,120
Derivative of glycerin	54,148	72,432
Diacetyl	65	64
Estearin	8,164	.....
Lecithin	35,634	38,217
Milk	5,961,295	6,767,471
Monostearin	32,063	31,396
Neutral lard	434,926	534,552
Lard flakes	8	.....
Oleo oil	496,361	930,437
Oleo stearin	216,572	272,460
Oleo stock	45,998	130,812
Peanut oil	1,503,744	265,500
Salt	1,682,893	1,241,564
Soda (benzoate of)	24,793	23,911
Soybean oil	10,112,735	8,660,630
Soyflakes	5,400	6,000
Sunflower oil	856	.....
Tallow	.....	25,035
Vitamin concentrate	5,545	8,011
Total	34,864,305	39,663,225
Production of colored oleomargarin	4,401,603	[3]15,376,549
Withdrawn tax-paid	1,067,832	301,808
Used in Colored Margarin		
Butter flavor	4	635
Citric acid	.....	2
Color	3,690	9,332
Corn oil	1,707	8,520
Cottonseed oil	382,705	295,618
Derivative of glycerin	3,353	25,130
Diacetyl	28	42
Estearin	207	.....
Lecithin	8,253	5,680
Linseed oil	.....	2,640,799
Milk	722,988	2,295,950
Monostearin	3,206	3,815
Neutral lard	87,987	274,168
Oleo oil	209,704	260,542
Oleo stock	400	183,863
Peanut oil	3,247	2,107
Salt	146,496	516,126
Soda (benzoate of)	2,531	10,303
Soybean oil	2,885,064	8,837,156
Soybean stearin	.....	7,395
Soyflakes	16,000	.....
Vitamin concentrate	1,525	2,895
Total	4,479,095	15,290,077

Note.—The figures for August, 1943, and August, 1944, are subject to revision until published in the commissioner's annual report.

[1] Of the amount produced, 14,000 pounds were reworked.
[2] Of the amount produced, 67,214 pounds were reworked.
[3] Of the amount produced, 64 pounds were reworked.

	Pounds September 1944	1943
Production of uncolored oleomargarin	[1]48,821,030	[2]46,514,032
Withdrawn tax-paid	47,409,234	46,219,087
Used in Uncolored Margarin		
Butter culture	.....	39
Butter flavor	243	3,602
Citric acid	454	2
Corn oil	1,264,082	284,612
Cottonseed oil	19,234,547	23,580,605
Cottonseed stearin	.....	6,230
Derivative of glycerin	85,069	78,426
Diacetyl	100	123
Estearin	10,200	.....
Lecithin	45,925	43,949
Milk	8,581,427	8,107,114
Monostearin	39,817	35,478
Neutra lard	648,419	856,879
Oleo oil	652,127	1,139,362
Oleo stearin	229,200	345,433
Oleo stock	36,941	142,319
Peanut oil	1,851,928	605,824
Salt	1,543,518	1,522,237
Soda, benzoate of	30,122	25,742
Soybean oil	15,647,792	10,658,743
Soy flakes	.....	5,000
Tallow	.....	34,185
Vitamin concentrate	8,151	8,849
Total	49,910,137	47,484,753
Production of colored oleomargarin	[2]2,262,028	4,091,792
Withdrawn tax-paid	1,364,000	456,669
Used in Colored Margarin		
Butter flavor	11	122
Citric acid	.....	1
Color	1,465	2,975
Corn oil	1,260	11
Cottonseed oil	393,993	271,089
Derivative of glycerin	2,197	8,326
Diacetyl	4	4
Estearin	162	.....
Lecithin	1,044	1,998
Linseed oil	.....	637,635
Milk	366,269	660,408
Monostearin	1,483	1,259
Neutral lard	80,622	105,346
Oleo oil	81,830	191,618
Oleo stock	6,109	110,189
Peanut oil	2,842	23,280
Salt	72,685	139,654
Soda, benzoate of	1,221	2,588
Soybean oil	1,235,792	1,972,371
Soybean stearin	.....	3,050
Vitamin concentrate	360	716
Total	2,249,200	4,132,730

[1] Of the amount produced, 27,723 pounds were reworked.
[2] Of the amount produced, 3,996 pounds were reworked.
[3] Of the amount produced, 17,334 pounds were reworked.

tions. Successful bidders were notified November 28.

Lard stocks in Chicago totaled 18,469,376 pounds on November 30, against 23,285,912 pounds on November 1 and 21,475,912 pounds November 30 last year.

Tallow—Although trading was limited, the market continued in a strong position, due to the sold up production. Offerings were scanty and taken promptly at ceilings.

Fish Oils

Menhaden—Demand for crude oil was active and sales were made at the ceiling, 8.9c. per pound, bulk, f.o.b. works, Virginia and North Carolina, if and when made. Recent sales of close to 125 tankcars cleared the market of oil that was pressing on the market. Refined grades were in fair call and firm at current levels.

Baltimore, Nov. 30.—Inquiry for crude oil was active with sales reported at 8.9c. per pound, bulk, f.o.b. plant, if and when made. Fishing off the North Carolina coast was reported light during the past two weeks.

Sardine—Sales of crude oil were made at the ceiling, 66¾c. per gallon, bulk, f.o.b. Pacific coast. Inquiry was active with producers maintaining the ceiling. Trading in refined grades was moderate and prices firm at the recent advance.

Cake and Meal

Cottonseed Meal—Demand continued active, and with offerings limited the market was firm at ceilings.

Linseed Meal—Cold weather has increased the call for delivery against contracts. Buying interest continued active with offerings limited.

Minneapolis Nov. 29.—Supplies were well received in consuming channels and buyers became even more aggressive—as if that were possible—as a wave of snow and cold weather hit the Northwest feeding belt. Offerings of soymeal continued to improve in the local market but failed to relieve the pressure from linseed as jobbers and feeders urgently demanded immediate shipment of December meal.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	9,060,000	12,120,000
Since Sept. 1	93,740,000	120,160,000

Fatty Acids

Castor Split Oil—Steady consuming absorbing sizable lots for immediate and nearby needs. Prices remain firm.

Linseed Oil—Buying interest continued fairly active. Withdrawal against contracts in good request.

Red Oil—Under an active demand and reduced supplies, the market was stronger and prices were advanced ½c. per pound for all grades. Distilled and saponified were quoted at 12c. per pound, tankcars, and 12¾c. per pound, drums, car lots, and upwards for lesser quantities.

Stearic Acid—This market was firmer, with prices pegged at ceilings. Production is sold well ahead with sellers restricting business to January forward delivery. In some quarters, makers were thirty days behind delivery schedules.

Waxes

Beeswax—Light trading was noted for shipment at import ceilings, but the volume was restricted due to offerings being held above ceilings. Consuming inquiry continued active.

Candelilla—Interest was limited to actual needs. Supplies on the spot were well held at former levels.

Carnauba—Sales of moderate volume were noted for January forward shipment at ceilings from Brazil. Offerings, however, were not liberal and closely held at primary centers. Stocks on the spot were at low ebb.

Ouricury—Business continued spotty with some trading noted for prompt shipment at ceilings from Brazil. The market at producing points and locally was steady.

Fat Salvage Campaign Transferred to WFA

OPD Washington Bureau

Full responsibility for the program of salvaging used household fats has been transferred from the War Production Board to the War Food Administration without interrupting any phase of the current program, the two agencies said in a joint announcement.

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Drugs and Fine Chemicals

Price features last week in the market for drugs and fine chemicals were the declines in quotations on arecoline hydrobromide and natural menthol. There was a very firm market in codliver oil notwithstanding the substantial additions to stocks. Quicksilver continued to be very scarce. Citric acid production came within the influence of a rising crisis in supplies of sugar, a situation that last week led the Food Industry War Commission to recommend that no sugar be permitted used in making high-test molasses for production of alcohol.

Lower prices on menthol were the result of stocks being pressed for prompt movement into consumption. An accumulation of supplies had developed locally and their owners have no wish still to hold them when Brazil begins to ship new crop menthol after the turn of the year. A report may soon be possible as regards a recently completed survey of the Brazilian market position, made at the source.

Arecoline hydrobromide was found to be more widely distributed than recently was the case and increase in available stocks has induced a rise in competition. War events keep codliver oil importers hoping that Norway will soon be liberated. That desired happening would mean a sharp change in the future of supplies since Norwegian oil produced in 1945 would be added to the stocks available to the United Nations.

A report issued by the chemical division of the United States Tariff Commission revealed that stocks of acetanilide at the end of September were less than in August; acid acetylsalicylic, production and stocks gained; diethyl ether, production and stocks were larger; ethyl acetate, production and stocks dropped sharply; riboflavin, stocks were smaller and no production figures were given; and sulpha drugs, production and stocks dropped. An individual adjustment provision permitting manufacturers of low-priced packaged drugs who are suffering hardship to apply to the Office of Price Administration for adjustment of present ceilings was announced.

Market Trends

Prices Advanced

None

Prices Reduced

Arecoline hydrobromide, 40c. per oz.
Menthol, natural, $2 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
230.0	236.0	235.8	240.9

Acetanilide—The chemical division of the U. S. Tariff Commission reports that September stocks at the end of the month were 372,331 pounds. In August they were 592,477 pounds.

Acid, Acetylsalicylic — September production totaled 786,429 pounds (August, 737,690 pounds) and stocks at the end of the month were 928,794 pounds (August, 915,912 pounds).

Acid, Citric—All reports indicate a growing tightness in sugar, which means that production of citric acid by the fermentation process will be influenced. The latest sugar report says that a serious shortage is certain unless government agencies act promptly.

Acid Salicylic—The moderate production of this article is well earmarked for consumption, leaving little for open market transactions with new customers.

Alcohol—The Food Industry War Committee warns of a serious shortage in sugar unless government agencies act quickly. Stocks October 1 totaled 465,000 tons, an amount much lower than on any corresponding date during the past ten years. Among other recommendations of the committee was one to prevent any sugar being diverted to high-test molasses to make industrial alcohol. Reports from Cuba on November 29 stated that the Cuban sugar growers have disapproved of the sale of 1945-46 raw sugar crop to the U. D., at 3c. per pound as well as 3¼c. asked by sugar mill owners. Cuban negotiators said that the Commodity Credit Corporation had made no formal offer of 3c. but they had inferred that buyers here would pay that.

Ammonia Chloride—Seasonal requirements have raised takings of the U.S.P. grade of this material and the market was along active lines last week.

Arecoline Hydrobromide—The market was down to $6.10 per ounce and a deal more competition was in evidence. Wider distribution of supplies have encouraged that aspect of the market and former suppliers who had reported no stocks now offer at competitive prices.

Butyl Acetate—War is taking all of current production and continuation of the curbs that eliminate civilian needs from sharing supplies. Signs of an easing of the situation are entirely lacking at this time.

Camphor—To assure an equitable distribution of synthetic camphor, in view of the heavy military requirements, the War Production Board as of December 1 places that material under allocation by means of schedule 75 of WPB order M-300. All military requirements will be met in full, and approximately 50 percent of civilian requests will be granted. Synthetic camphor is used in the production of explosives, plastics, and pharmaceuticals.

Castor Oil—Additions to available stocks of beans was reported as being 517,950 pounds. The total since January 1 is now 242,520,740 pounds. which compares with 230,805,150 pounds during the corresponding period a year ago. Prices for beans remain unchanged but there are no reported transactions. Oil holds steady in price and moves in good quantities for technical needs. Prices in London have been reduced to £82 per ton, a drop of £10.

Chicago, Nov. 28.—Castor oil prices are:—Cold-pressed, U.S.P., returnable drums, car lots, 13¾c. per pound; drums, less than car lots, 14½c.; tanks, 13c.; No. 3, extracted, returnable drums, car lots, 13½c.; drums, less than car lots, 14¼c.; tanks, 12¾c.

Codliver Oil — The fact that 2,369 packages of this oil were added to available supplies was without adverse effect on prices. While the quantity was substantial, the needs are large and the future of supplies is a vast uncertainty that, in the main, hinges on the war in Europe. At the moment, the undertone of the spot oil market has become considerably firmer and liberation of Norway would be necessary for the outlook regarding future stocks to change materially.

Cream of Tartar — The War Food Administration, on November 6, sold at San Francisco 10,000 1-pound packages at 40c. per pound.

Diethyl Ether—Production in September was 5,964,137 pounds (August, 5,088,509 pounds) and stocks at the end of the month totaled 2,247,306 pounds (August, 2,019,774 pounds). The figures are those of the chemical division of the U. S. Tariff Commission.

Ethyl Acetate—The chemical division of the U. S. Tariff Commission reports September production at 7,767,058 pounds (August, 9,074,118 pounds) and says month-end stocks totaled 5,222,257 pounds (August, 6,765,945 pounds).

Fishliver Oils—Demand was good and available supplies were taken promptly and always at ceiling levels. No over-supply seems likely at this nor at any time in the reasonably close future.

Los Angeles, Nov. 29.—Market activity in fish liver oils here last week was very quiet due to lack of supply and offerings. The market has been very steady for the past few months.

Glycerin — Through an uncaught typographical error, the designations "Production" and "Consumption" were transposed with references to the data on Fats and Oils for September, as tabulated on page 33 of OPD for November 20. Hence, a statement made here in the November 27 issue regarding glycerin production vs. consumption was vastly in error. The following is offered in correction:—Chemically pure, 315,000 pounds more

For Current prices see alphabetical listing beginning on page 9.

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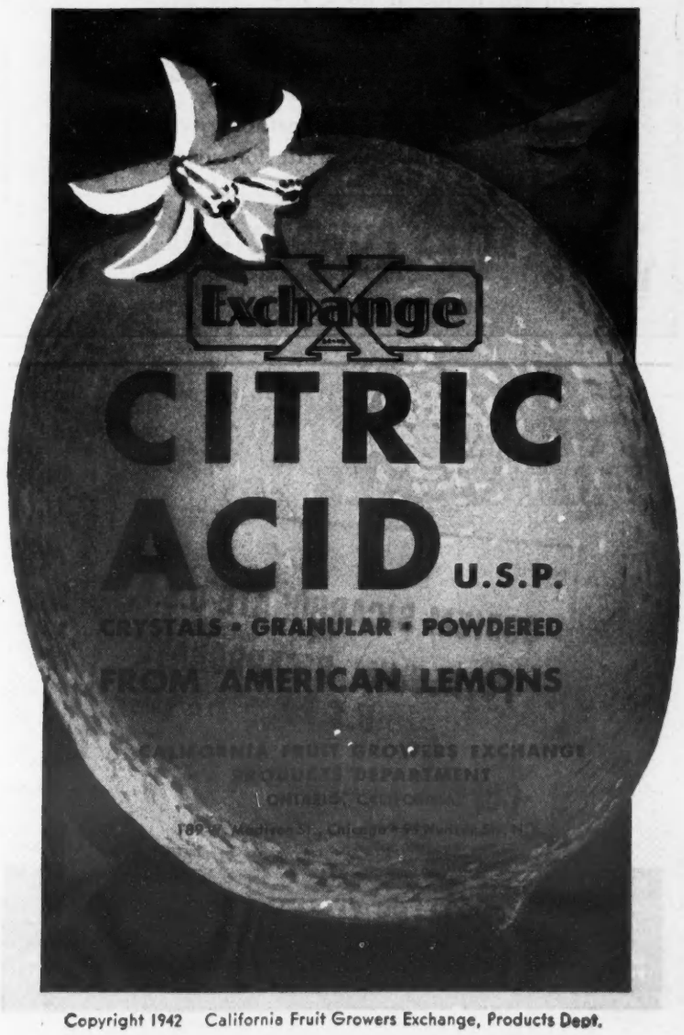

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produced than consumed; crude, 737,000 pounds less produced than consumed; high gravity and yellow distilled, 1,931,000 pounds more produced than consumed.

Chicago, Nov. 28—Glycerin prices are: —Chemically pure, tanks, 15c. per pound; drums, car lots, 15½c.; drums, less than car lots, 15¾c.; high gravity, tanks, 14¼c.; drums, car lots, 14½c.; drums, less than car lots, 15c.

Menthol—Considerable selling pressure has developed in the local market because of the growth here of substantial holdings and a desire of holders to move the item into consumption promptly as possible in view of the fact that Brazil will be offering new crop after the turn of the year. Spot quotations last week were around $13.50 to $14 per pound. However, importers believe that the price at which new crop will sell in Brazil will tend to establish a spot market for new crop around $15 per pound. In the very near future, it may be possible to print some information drawn from a survey just completed. Brazilian production, 1943-44, was 600,000 pounds.

Molasses—The Food Industry War Committee has recommended that no sugar be permitted to be used in production of high-test molasses for making alcohol. The sugar crisis has grown acute, especially since the negotiations between the United States and Cuba for purchase of her next crop of sugar have fallen down completely as of this time.

Quicksilver—The shortage continues acute on spot and potenital production at the mines remains well engaged ahead. The local market was strictly in control of sellers who reported much difficulty in securing metal in any position.

San Francisco, Nov. 29.—The quicksilver market last week was extremely tight, with very little metal available. Very little spot metal is being offered. Several mines were reported closed for repairs resulting in curtailed production which is expected to get worse next month. Producers are quoting metal between $112 and $115 per flask, spot.

Phenobarbital and Sodium Salts—Production in September was unreported by the chemical division of the U. S. Tariff Commission but stocks at the end of the month were said to be 38,904 pounds, which compares with August stocks at 45,359 pounds.

Sulpha Drugs—September production was 152,328 pounds, against August output at 220,543 pounds. Stocks at the end of the month were 1,179,751 pounds; in August they were 1,353,723 pounds.

Science Talent Search Winners Get Scholarship

Scholarships worth almost $82,500 have been awarded the 300 winners of the second annual science talent search, completed in 1943, to help them through their first year of college, Watson Davis, director of the Science Clubs of America, sponsors of the competition, has announced. This amount is the total granted by colleges and universities, exclusive of $11,000 in Westinghouse Science Scholarships, awarded as a direct result of the search.

The fourth annual search, he said, is already under way. A difficult, two-hour science aptitude examination is now being mailed to more than 3,000 high school principals and teachers, who will administer it to entrants in their home town high schools. The science aptitude examination, designed to test the ability of the student to think and observe, rather than his actual scientific knowledge, will be given between December 1 and 27.

American Can Names Lueck To Pacific Div. Post

Dr. Roger H. Lueck, formerly connected with the American Can Company's Pacific division, returned there December 1 to assume duties as manager of sales, W. C. Stolk, vice-president has announced. Dr. Lueck goes to San Francisco from the general sales department in New York where he has been active in planning incident to postwar projects. He was the first manager of the company's San Francisco laboratory, a post he relinquished in January 1934 to become general manager of Canco operations in Hawaii, following which he became director of research with headquarters at the Maywood, Ill., laboratories.

Tiller Rejoins Winthrop As Ass't to President

Dr. Theodore G. Klumpp, president of the Winthrop Chemical Company, New York and Rensselaer, N. Y., has announced the appointment of Major Lawrence Tiller, formerly of the Chemical Warfare Service of the U. S. Army, as executive assistant to the president. Major Tiller will make his headquarters at the company's main offices, 170 Varick street, New York.

Prior to his army commission which he received two years ago, Major Tiller had been associated with Winthrop Chemical for nine years, first as a field and hospital representative, and for the last five years as divisional manager in Atlanta, Ga. In the army he served as executive officer to the chief of the Medical Division of the Chemical Warfare Service. Major Tiller was graduated from the College of Pharmacy of Baylor University in 1923.

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Obituaries

Dr. William S. Bean

Dr. William Smith Bean, chief of the hospital division of the Public Health Service, died November 26 in Chevy Chase, Md. He was fifty-four years of age.

A native of Sumter county, S. C., Dr. Bean attended the Presbyterian College of South Carolina and the University of Virginia Medical School.

He served as surgeon, medical officer in charge at Marine Hospital, Mobile, Ala., 1928-1934; Pittsburgh, 1934-1938; Norfolk, Va., 1934-42, and in Baltimore from 1942 until last June when he was assigned to his present position in the Surgeon General's Office here.

Surviving are his wife, four sons.

Allan L. Carter, Sr.

Allan L. Carter, sr., senior member of the Resinol Chemical Company, died in Baltimore, November 25. He was seventy-three years of age.

Born in Gerardstown, W. Va., Mr. Carter established the company with his brother, the late Dr. Merville H. Carter, and H. F. Dulaney.

Surviving are his wife, three sons and two daughters.

Albert B. Fall

Albert B. Fall, who, as Secretary of the Interior under President Harding, was the central figure in the Teapot Dome petroleum scandal, died November 30 in a hospital in El Paso, Texas. He was eighty-three years old.

Lieut. William G. Geary

Lieut. William George Geary, former regional vice-president in charge of the South Atlantic District for McKesson & Robbins, Inc., who recently had been commissioned by the Navy and assigned to a special training course at Harvard College, was stricken with meningitis and died at the Chelsea Naval Hospital in Boston, November 27. He was thirty-three years of age.

Lieut. Geary joined the McKesson & Robbins organization on his graduation from Stanford University in 1933. He became successively office manager of the Kirk-Geary division at Sacramento, Calif.; acting manager of the Western Wholesale Division at San Diego; assistant sales manager of the Western Wholesale Division at Los Angeles, and in 1939 he was appointed assistant to James H. Parks, regional vice-president in charge of the Western District. He served in this capacity until 1942, when he became regional vice-president in charge of the South Atlantic District, with headquarters at Atlanta, Ga.

Surviving are his wife and a daughter.

William C. Watt

William C. Watt, chairman of the board of the Liggett Drug Company, Boston, died in Chappaqua, N. Y., November 30. He was sixty year sof age. Mr. Watt was for many years executive vice-president of the Liggett company before he became chairman. He was a member of the board of directors of the United Drug Company, Boston, and had been a vice-president of that company.

Surviving are his wife and a daughter.

Percival J. Cosgrave, New York field manager in the advertising department of *Drug Topics*, died recently. He was sixty-five years of age.

Lyster Hoxie Dewey, retired botanist and fiber-crop specialist of the United States Department of Agriculture, died November 27, in Kenmore, N. Y. He was seventy-nine years of age.

Francis Johnson, assistant to the president of the Petroleum Heat & Power Company, died recently. He was fifty-six years of age.

Hugh Thomas Keating, a partner in Harold W. French Company, crude rubber broker, New York, died November 24. He was fifty-five years of age.

Edwin A. Sager, formerly export manager for the Colgate-Palmolive-Peet Company for twenty-five years, died in Oceanside, L. I., November 27. He was fifty-one years of age.

William A. Vollmer, for twenty years editor of "El Farmaceutico," a pharmaceutical magazine distributed in Latin America, died of a heart ailment at his home in Pelham Manor, N. Y. He was fifty-eight years of age.

Gilmore Drug Sold To McKesson & Robbins

William J. Murray, jr., president of McKesson & Robbins, Inc., New York has announced that an agreement had been entered into to purchase the assets of the W. J. Gilmore Drug Company, Pittsburgh, Pa. The purchase will be for cash, no transfer of capital stock being involved. James I. Freeman, who has been president of the Pittsburgh company since 1940, will continue as the chief executive, retaining substantially his present organization.

The W. J. Gilmore Drug Company is the oldest wholesale drug firm in Pittsburgh, having been founded in 1825 as MacKeown Thompson & Co. The change in name was made in 1886, and the firm was incorporated in 1904. It serves a territory extending into Ohio, West Virginia and Maryland; and its acquisition by McKesson will give this organization its first division in Pennsylvania.

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Joins U.S.I.

Arthur E. Tongue has been appointed manager of antifreeze sales for U. S. Industrial Chemicals, Inc., New York. He will be in charge of the sale of U.S.I.'s Super-Pyro antifreeze, as well as its other automotive products. Mr. Tongue comes to U.S.I. from the Chrysler Corporation, where, for the past eight years, he was in charge of advertising and sales promotion for the Chrysler line of cars.

Fiberglas Textiles

—Continued from page

withstand repeated flexing, are resistant to destruction by fungi and have dimensional stability. Rubber-coated fabrics are flameproof, have high resistance to moisture penetration and to the effects of contacts with gasoline, oils, chemicals and greases. Possible future uses include tarpaulins and waterproof covers, waterproof containers for delicate instruments and carburetor diaphragms.

Rene Bouvet, manager of the American Viscose Corporation's textile unit, discussed probable future uses of continuous filament rayon yarns and rayon staple fiber.

In connection with continuous filament rayon Mr. Bouvet emphasized the point that "research has widened the entire range of synthetic fiber properties, and modern yarns were superior to their predecessors in many respects, the principal ones being strength, softness, durability and versatility. With fine 40 or 30 denier continuous filament possessing high strength, new fabrics will be possible —light weight, delicate looking, yet strong. The advent of a new staple fiber means countless additional possibilities, he said. It not only can be used by itself, but also blended with any or all the host of natural or synthetic fibers such as wool, cotton, flax, animal hair, acetate rayon, nylon, Vinyon, Aralac, resin fibers, etc."

Basic properties of nylon yarn-elasticity, inherent shrinkage and the ability of the fiber to take a "set" were discussed by P. D. Atwood, manager of product development for the Nylon Division of the E. I. du Pont de Nemours & Co.

The next meeting will be held January 12, the place to be designated at a later date.

Imports Study Asked

—Continued from page 3

would approximate that of 1939, and second, that it will be 75 percent greater than in 1939.

The commission is also directed to indicate the number of persons engaged in 1939 in United States industries producing each of the products or groups of products covered by the resolution, and the estimated number which would be employed under the assumptions above. The study would have precedence over all other work of the commission and be reported to congress not later than January 31, 1945.

Army Permits Premiums

—Continued from page 3

a new contract is entered into. Furthermore, the procurement officers can specify on the face of the contracts just what questions need be answered and those which may be ignored.

Another important change being made has to do with placing of prime contracts in areas where there is less shortage of labor. The aim is to increase the number of prime contracts placed with small business concerns under a premium payment plan that permits small concerns with their higher manufacturing costs to obtain such contracts from the department.

The restated policy of the Department permits the payment of a prime price up to 15 percent higher than the lowest of the prices bid by bidders located in group I and group II labor areas in any case where payment of such a premium price is necessary to avoid placing a particular prime contract in one of the latter labor areas.

In the case of small business concerns, the regulations permit the payment to them of a premium price up to 15 percent higher than the average price at which the purchase can be made from a large concern (over 500 wage-earners), regardless of the labor area or areas in which the large concern is located. With the approval of the director of the purchases division, premiums of more than 15 percent can be paid where this would be desirable.

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OPD—12-4-1944

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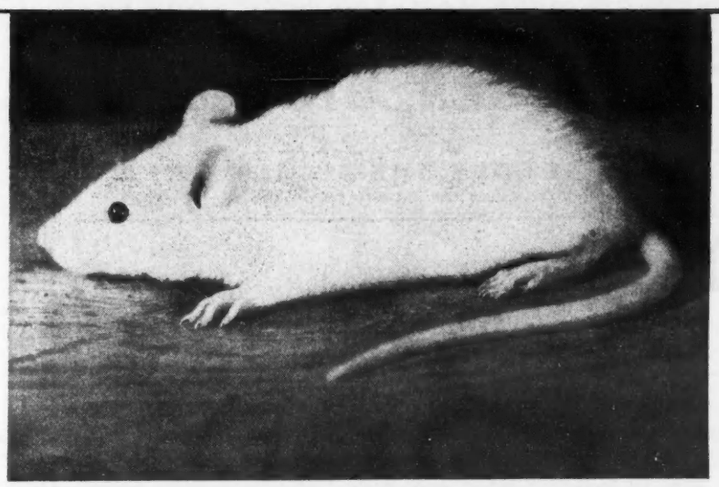
If you are interested in the possibilities of using Vitamin D (A.R.P.I. Process) in your particular product, we invite you to write for more complete information.



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General Mills, Inc.
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Stein-Hall Consolidates Adhesive Departments

Stein-Hall Manufacturing Company, Chicago, is consolidating the corrugating, dry adhesive and liquid adhesive departments under one general heading of adhesives department, with G. N. Streit as manager. O. W. Westerlund will continue in charge of dry adhesives, and R. A. Selner will be in charge of liquid adhesives.

Trade Briefs

Donald C. Berry has been appointed to the newly created position of assistant advertising manager of McKesson & Robbins, Inc.

David Meade Distilling Company, Meadeville, Pa., is to get $100,000 worth of additional plant facilities under a contract with the Defense Plant Corporation announced November 1.

Lt.-Col. W. C. Martens, formerly vice-president of the Personal Products Corporation, has been appointed a member of the Price Adjustment Board of the War Department.

Sterling Laboratories is the firm name under which Charles S. Callahan has published a certificate that he is conducting business at 1435 West Vernon Avenue, Los Angeles, Calif.

Capt. Thomas C. Sheffield, of the New England Collapsible Tube Company, is now working as executive assistant to General H. H. Arnold, Commanding General Army Air Forces.

M. N. Burleson has been appointed industrial hygienist of The B. F. Goodrich Company, succeeding H. H. Radke, transferred to the chemical division. He's a graduate of the University of Texas.

Medical aspects of color is the subject of a booklet, Let Me See Your Tongue, issued by the General Printing Ink Corporation, 100 Sixth avenue, New York 13. The treatise digs into the enigmas associated with the pathologic indications and therapeutic influences of colors.

Pearson Industrial Products Corporation, exporter of pharmaceuticals and fine chemicals, Chicago, has sent its president, L. P. Josephs, and its vice-president, Albert Maling, on a three months' flying trip to all Latin-American countries. They will visit the correspondents of the firm and lay concrete plans for postwar operations.

Lund Made Chairman Of St. Louis Pharmacy College

Robert L. Lund, executive vice-president of the Lambert Pharmacal Company, St. Louis, has been elected chairman of the Board of Trustees of the St. Louis College of Pharmacy. He succeeds Frederick W. Sultan, who died recently.

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Textile and Leather Chemicals

An active inquiry for the majority of textile and leather chemicals continued during the past week. Trading was affected by the lack of both domestic and foreign materials.

Offerings of all tanstuffs for shipment from primary markets were scarce and supplies in consumers hands have been steadily reduced. This was noticeable in quebracho extract, stocks of which were smaller, and the supply situation has become critical in view of the difficulty of obtaining supplies from producing points. Wattle extract also was in limited supply with offerings from primary centers still scanty for nearby and forward shipment.

War Food Administration contemplated sales through the Commodity Credit Corporation of 1,275 barrels, approximately 200 pounds per barrel of spray dried whole eggs unfit for human consumption, in storage in New York City. Offers must be received not later than December 9 by the contract development section, Office of Distribution, War Food Administration, Washington, D. C.

Revision of price controls covering the sales of cotton and rayon finished piece goods was announced by the Office of Price Administration, effective December 3. This action is expected to remove the use of higher cost finishes on piece goods, distribute more evenly the reduction of converter's margins resulting from increased cost of cotton grey goods and reduction of prices of finished rayon goods by lowering converters' margins.

The Combined Raw Materials Board announced its allocation of raw hides, kipskins and leather to liberated European countries for the three months November and December, 1944 and January, 1945. The allocation consists of 146,000 importable cattle hides, 100,000 United States domestic kipskins, 2,500 tons of sole leather, and 5,000,000 square feet of upper leather. These materials are made available through the Combined Raw Materials Board jointly by the United States, United Kingdom and Canada.

Market Trends

Prices Advanced

None

Prices Reduced

Castor oil, sulphonated, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
283.2	283.2	276.4	271.1

Chemicals

Bichromates—Firm conditions featured this market. Consumers continued to take the output on allocation. Demand for next year's needs was moderate, with makers accepting contracts at unchanged prices.

Soda, Formic — Limited quantities were available but the absence of large inventories kept the supply situation sensitive and in a position to tighten easily under an increased demand. The heavy inquiry for oxalic acid has been instrumental in curbing the output for soda formate. Tanners have been the principal buyers for use in chrome baths.

Sulphonated Oils—Car lots of sulphonated castor oil were available at a reduction of ½ cent per pound. Less than car lots were unchanged. Sulphonated tallow was firm and unchanged. Withdrawals against former contracts moving in good volume.

Zinc Dust—Production of zinc dust totaled 2,429 tons during September, and shipments 2,347 tons. Stocks on hand at the end of September were 464 tons, according to the Bureau of Mines.

Dyestuffs

Annatto — Small lots were moving for actual needs. Supplies on the spot were still limited, and were well held.

Madder—Routine demand continued for this product. Stocks were in limited supply. Prices were unchanged.

Sizing Materials

Albumen, Blood—Consumers absorbed sizable lots for requirements during the balance of the year. Market remains in steady position.

Albumen, Egg—Scarcity of supplies was restricting trading. Inquiry continued active and the bulk of sales were confined to moderate quantities. Large lots were still quoted below ceilings, while small lots sold at ceilings. Prices of granular ranged from $2 to $2.05 per pound, and powdered at $2.05 to $2.10, depending upon seller and quantity. OPA ceiling for granular for December was automatically increased to $2.11 per pound, for round lots, and powdered $2.16, same basis. Technical was easy under increased offerings with quotations ranging from $1.40 to $1.55 per pound, as to quantity.

Dried egg production in October totaled 23,177,000 pounds compared with 23,208,000 pounds in October last year. Production of dried egg for the ten months of this year totaled 293,939,000 pounds, compared with 218,732,000 pounds during the same period last year. The quantity dried from January through October this year was equivalent to 29,101,000 cases of eggs. Stocks of dried egg on November 1 totaled 105,179,000 pounds.

Egg, Yolk—This market continued strong with demand active. Supplies were limited and closely held at ceilings. Prices were quoted at $1.09 to $1.15 per pound according to quantity and seller. OPA ceiling for December was advanced 1c. to $1.09 per pound for round lots. War Food Administration announced exports of dried eggs totaling 29,810,358 pounds during October under lend-lease.

Starch, Corn—Demand was rather quiet, and confined to small lots for immediate needs. The market, however, continued steady at current levels. Consumers were absorbing sizable quantities on contracts. War Food Administration reported the shipment of corn starch amounting to 11,402,084 pounds during October under lend-lease. The visible supply of corn increased 2,366,000 bushels for the week ended November 25, amounting to 12,764,000 bushels, comparing with 11,717,000 bushels a year ago.

Starch, Potato—Moderate demand continued during the week for prompt and nearby delivery. Offerings were not liberal and the market was firm at ceilings.

Tapioca Flour — The supply situation continued as tight as ever. Resale material was unavailable. Prices were unchanged at ceilings. Receipts were light and reported at 3,080 bags for delivery on former contracts. Primary market continued firm, with prices for shipment above OPA import ceilings.

Tanning Materials

Divi Divi—Consuming inquiry was fairly active, but the scarcity of offerings for shipment from primary centers curtailed trading. Prices were well held and unchanged.

Mangrove Bark—Moderate trading was noted in the bark, while the call for extract was unsatisfied due to the scanty available supplies at primary centers. Quotations were steady.

Myrobalans—Activity was limited to moderate lots offered for nearby shipment. Buying interest was fairly active for future requirements. Receipts were reported at 4,780 bags delivered on previous contracts.

Quebracho — Stocks in consumers' hands have been materially reduced and reports were to the effect that consumer holdings of extract were down to four months' supply. Inquiry for shipment was active, with offerings from producing centers negligible. Quotations were firm.

Wattle Bark — Consumers were in the market for extract for forward shipment but offerings continued limited to small quantities, which affected business. Interest in bark also was active, with trading moderate for nearby shipment. Receipts of bark were reported at 590 tons and extract 447 tons, which were consigned to consumers against former contracts.

For Current prices see alphabetical listing beginning on page 9.

ALBUMENS

OPD—12-4-1944 65

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CHROMIUM CHEMICALS

OPD—12-4-1944 66

Long years of experience ... wide facilities ... hard work ... ingenuity

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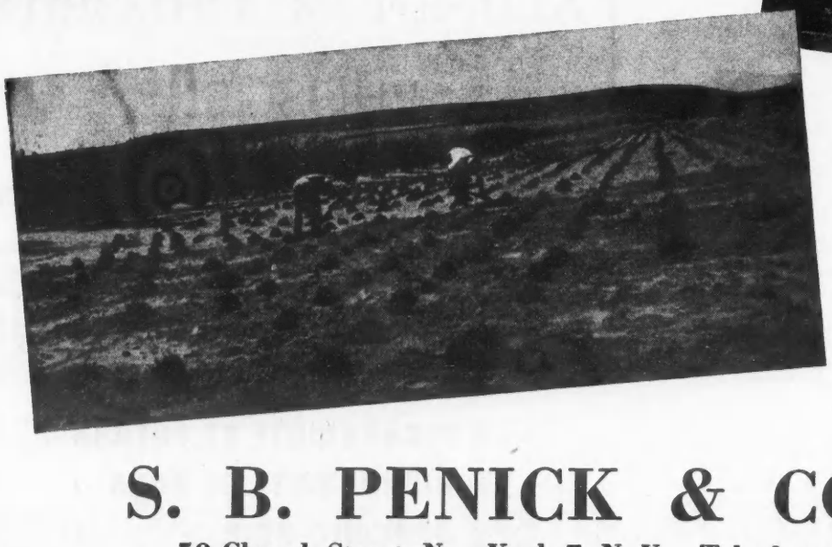
Securing for our customers the botanicals they need, when they need them, is our business and responsibility. The present world conflict presents the greatest obstacle Penick has ever had to overcome to keep supplies moving —greater than any earthquake, drought, fire or flood. Yet, after five years of war, this is still true: "If it can be obtained, Penick will get it." ***And here is why:***

(1) Our facilities cover practically the face of the earth. Where there is the slightest chance of importing botanical stocks, alert Penick representatives are usually on the spot to purchase and ship.

(2) Intensive and expensive efforts by Penick botanists and horticulturists — to grow war-scarce drug plants in the United States and other parts of the Western Hemisphere — have permitted us to stock and deliver botanicals which otherwise might not have been available.

(3) Depleted reserves have been bolstered by Penick men who have traveled far and wide to uncover new sources of botanical supplies which had not previously been tapped.

The success attained by Penick in meeting the challenge of delivering supplies is seen in the fact that most orders are being filled satisfactorily.



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Buy War Bonds and Stamps—for Victory

Botanical Drugs, Spices, Gums

The end of the month is becoming a period of rather sensitive prices in the botanical drug market. Such was the case last week and to the fact that November was at an end was added the further fact that the end of the year and the beginning of inventory taking was drawing near. Combined, the two factors appeared to influence values considerably. During the week, a substantial number of botanical drug items were offered at lower prices but the offerings came on a market notable for its very moderate demand and its restricted number of inquiries.

However, one should hasten to declare that not all sellers were disposed to shade prices. Although some were so doing, others retained unchanged prices and were disposed to await a revival of buying which is expected to come after the turn of the year. Since stocks of most items are far below normal, maintenance of quotations was considered a sound practice since under present day conditions, it is never quite certain that any given item is obtainable even though it be quoted.

Talk about the future of botanical drug imports was heard during the period under review and the fact that the government has sent a representative to France for the purpose of making a survey of the essential oil situation caused some botanical merchants to at least talk about a botanical drug survey to be conducted in foreign primary markets as they are liberated from Germans. So far as known, nothing in that direction is being done notwithstanding the fact that commercial contact with former suppliers is not easily accomplished. As things stand now, no one knows definitely how much botanical merchandise might be released for export when the Germans surrender to the inevitable.

Balsams

Copaiba—The market was but moderately active throughout the past week but prices proved to be steady to firm and there was little tendency toward competition.

Fir—Undertones were firmer as concerned the Canadian material and no further tendency toward price concessions was noted. Oregon balsam was steady with demand routine.

Barks

Barberry—A firm price on root bark was returned to the spot although most sellers lacked supplies for open market transactions. The firm price was 90c. to 95c. per pound.

Cocillana—One quarter offered spot material at the lower price of 24c. to 25c. per pound but not all sellers were disposed to take that position, declaring for a 28c. minimum.

Fringetree—The spot was lower at 60c. to 70c. per pound. One quarter took a more competitive view of the market, a position not shared generally by competitors.

Beans

Tonka—Prices were lower on Angostura beans, the value being $2 to $2.50 per pound according to seller and quantity. Selling pressure has become more apparent.

Vanilla—Reports indicate that consumers who hold contracts with importers for the delivery of French beans on arrival here may soon be receiving some of the much needed material. Since information regarding shipment was received, many weeks have passed and it is now believed that goods are in near-arrival position. It has not been easy to get the purchases started from the primary market, what with shipping and other troubles. Even the willingness of the Free French to do business has not been sufficient to effect ready despatch of beans direct to this country. Most of the total expected has been sold into consumption. Estimates of the quantities due range between 80 and 100 tons.

Market Trends

Prices Advanced

Drugs

None

Other Articles

Caraway seed, Canadian, ½c. per lb.
Ginger, Jamaica, No. 1, 1c. per lb.
No. 2, ½c. per lb.
Mustard seed, yellow, ½c. per lb.
Paprika, Spanish, good, 1c. per lb.
Sage, Cyprus, good, 1c. per lb.
fair, ½c. per lb.

Prices Reduced

Drugs

Boneset leaves, 2c. per lb.
Bryonia root, 5c. per lb.
Buckthorn berries, 10c. per lb.
Cocillana bark, 4c. per lb.
Dandelion root, 3c. per lb.
Echinacea root, 10c. per lb.
Ergot, 10c. per lb.
Fringetree bark, 10c. per lb.
Hawthorn berries, 3c. per lb.
Jalap root, 2c. per lb.
Linden flowers, with leaves, 5c. per lb.
Malva leaves, 2c. per lb.
Manaca root, 1c. per lb.
Nux vomica, whole, ½c. per lb.
Pichi tops, 1c. per lb.
Quassia chips, 1c. per lb.
Rosemary flowers, 10c. per lb.
Spearmint leaves, 2c. per lb.
Yerba santa leaves, 4c. per lb.

Other Articles

Cardamom, decorticated, 7c. per lb.
Paprika, Chilean, good, 1c. per lb.
Tonka beans, Angostura, 50c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
242.6	243.5	244.5	257.7

Berries

Buckthorn—A limited quantity of this merchandise was priced at the lower level of 60c. per pound. Quotations ranged upward to 70c. in the few quarters holding and prompt delivery merchandise.

Hawthorn—Two lots were believed available on spot and the price range was 57c. to 60c. per pound according to seller. The minimum was slightly lower than it had been.

Flowers

Linden—Some spot material with leaves was offered at the lower price of 90c. per pound. The range was to $1 according to seller. Some quarters offered nothing.

Rosemary—Spot flowers were shaded to $1.45 to $1.50 per pound, ranging according to seller but there was not much demand current at any price during the past week.

Gums

Arabic—The market was comparatively slow last week. Activity was mainly along jobbing lines and covered prompt rather than more distant manufacturing requirements of buyers. There was possibly a slightly less tendency to shade prices under competition.

Camphor—The War Production Board placed this article under complete allocation in order to assure an equitable distribution of synthetic camphor in view of the heavy military requirements. The official order put it under control of schedule 75 of WPB order M-300. All military and approximately 50 percent of civilian requests will be granted.

Tragacanth—Fairly active along routine lines of consumption and holding reasonably steady in price, this being in line with the steadiness of replacement market prices.

Herbs and Leaves

Boneset—Competition was said to have resulted in sales at 14c. to 15c. per pound, a slight reduction from previous minimums.

Malva—Quotations were slightly lower at 38c. to 40c. per pound but there was very little spot demand last week.

Pichi—Tops were a bit easier and lower at 7c. to 8c. per pound without stirring consumers to substantial activity.

Spearmint—A limited quantity was said to have been sold at 48c. to 49c. per pound, a thin shaving from previous quotations resulting from competition.

Yerba Santa—One quarter made the minimum spot price 21c. per

For Current prices see alphabetical listing beginning on page 9.

CHECK YOUR NEEDS
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CRUDE DRUGS

WE HAVE FOR PROMPT SHIPMENT FROM OUR NEW YORK CITY WAREHOUSES:

Euphorbia Pilulifera
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AND
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pound but the range according to seller was to 25c.

Miscellaneous

Ergot—One quarter said the market was $1.30 per pound. Another was minimum at $1.40. Both said the foreign market was firm.

Guarana—One dealer had a price of $2 to $2.10 per pound but others were generally not offering or quoting on the open market.

Nux Vomica—Fractional shading brought whole buttons to 8½c. to 9c. per pound. Powder was left unchanged.

St. John's Bread—Inedible material was shaded to 10c. to 11c. per pound. Edible material was held to steady price position.

Roots

Blueflag—A price was found at 50c. to 55c. per pound but most quarters had little to nothing available for prompt delivery.

Bryonia—Quoted at 60c. to 65c. per pound and although a shade lower, not available in more than moderate quantities.

Dandelion—The market was shaded to 37c. to 40c. per pound under competition, regardless of the fact that replenishment of current supplies is some distance off.

Echinacea—The market was lower at 80c. to 85c. per pound in one direction, though offerings were moderate.

Elecampane—A firm spot offering was noted at 24c. to 25c. per pound in a rather narrow spot market.

Jalap—A more competitive spot position led to whole root being offered at 37c. to 38c. per pound; powder was shaved to 44c. to 45c.

Manaca—Little demand has led to a thin slice being taken from prices. The market was 23c. to 24c. per pound. Stocks were small.

Seeds

Caraway—Canadian seed was advanced to 74c. to 75c. per pound.

Cardamom—Decorticated material was down sharply to 67c. to 68c. per pound.

Celery—Stocks of Indian seed increased in the amount of 5,930 bags.

Dill—Reserves were 300 bags larger. The market was quiet throughout the entire period.

Mustard—Montana yellow was advanced to 12½c. to 13c. per pound. Washington yellow seed was moved to the same price position. The movement was a reverberation stemming from the latest government crop report.

Spices

Cinnamon—By reason of an agreement between the French, British and United States governments, imports are by normal channels.

Clove—Spice for delivery in the fairly nearby future was reported

—Continued on page 74

Penick & Co. to Give Bonus in War Bonds

The Treasury Department and War Labor Board have notified S. B. Penick & Co., producer and manufacturer of botanicals and basic chemicals, New York, of their approval of applications for permission to present to more than sixty-five of their employees, in the company's service from ten to twenty-five years, varying amounts of War Savings Bonds according to length of service. The Penick Company is making this distribution in marking its thirtieth anniversary.

Drugs Wanted in Egypt

N. Chhotalal & Bros., Cairo, Egypt, has import quotas for various pharmaceutical chemicals and medicinal specialties and is looking for sources of supply in the United States. The firm says it has been established twenty years. It offers references; also it says " . . . would stock and buy the products on our own account."

Bristol-Myers Raises Ladewig

Edward G. Ladewig has been elected an officer of Bristol-Myers Co., New York, with the title of assistant vice-president. He joined the company in January, 1944, as assistant to the vice-president in charge of export.

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CRUDE DRUGS

The Prophet Elijah Knew

Juniper Berries

When Miles Coverdale in 1535 translated and published the first complete English Bible, the use of juniper to make "giggle-water" was wide spread in Europe. The tree was very old; Coverdale's Bible told of Elijah napping under a juniper.

The intoxicating beverage made in France was distilled from juniper and wormwood and called *Genivere*. The British took gaily to *Genivere*, which they anglicized into Geneva and eventually contracted into *Gin*.

Germans gave it the mouth-filling name of *Wacholderbranntwein*, derived from *Wacholderbeeren*, German for juniper berries.

WAREHOUSE AND MILLS
JERSEY CITY NEW JERSEY

CRUDE BOTANICAL DRUGS
TRADE *From Forty Nations* MARK

Essential Oils, Other Aromatics

A considerable amount of "hush hush" seems to have surrounded the sending to France of a United States government representative for the purpose of making a survey and report on French essential oils, perfume products, and cosmetic raw materials. When the news finally leaked out, inquiry in local trade circles developed the fact that importers who had been consulted by the representative prior to his departure to France were actually under something akin to a pledge or promise not to talk about the event or the program. The representative obtained lists of French manufacturers, shippers, merchants, and the like who had exported to this country, including the French houses who maintained agencies in the United States or which were actually owned in this country. But the whole business was so much "under the rose" that some importers of years standing were not consulted at all; the news of the whole affair came to them as a total surprise after the representative was actually in France.

A not unrelated development in connection with the venture turned up last week when it was learned that a British commission is in France. Its presence there had put business men here under a distinct disadvantage since the British group was a buying commission with unimpeded access to the supplies available in France.

It now turns out that the American representative is not authorized to buy stocks later to be distributed in this country. If the British leave anything unbought, inability of the representative to buy may work to the advantage of long established dealers here since goods eventually bought would be for dealers' private accounts, not for the purpose of creating a stockpile from which any and all dealers might draw. But what British buying may do to French prices is another matter.

In the final analysis, there is reason to think that the French may desire and decide to sell finished products instead of raw materials, and to this end keep raw materials at home that the French perfume industry may be restored to health.

Market Trends

Prices Advanced

None

Prices Reduced

Bergamot, 25c. per lb.
Citronella, Ceylon, 5c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
204.7	205.5	256.2	255.5

Essential Oils

Almond—Inquiry was fairly active for limited quantities and tended to keep the market one of very firm undertones. Supplies were generally moderate.

Anise—Although the time when replenishments may be secured from the China market is rather far off, the ground work for such resumption of trade is even now being laid.

Bergamot—Although this oil is not one readily to be obtained on spot, notwithstanding the stock of 90,000 pounds brought here for distribution, the market can be called $6 to $6.50 per pound with the main accent being placed on the higher figure. It is not impossible or improbable that some dealers have made special terms with ranking customers.

Bois de Rose—Demand found the market not well stocked with prompt delivery merchandise and the price position very firm in all directions. Replacement cost showed strength.

Cananga—Jobbing business prevailed last week and since stocks were definitely conservative, the trade passed as normal activity.

Cassia—It may be that at the present time the ground work is being done for an ultimate resumption of Chinese sales to this country. China has a representative in this country for that purpose. The fact that inflation is rampant in China is a problem which poses trouble when a solution is sought.

Citronella—A fair amount of jobbing business was done last week and market may be considered ranging from 90c. to $1 per pound according to quantity and seller. Some fair business in import goods has been under discussion.

Clove—The market showed strength. Oil available found prompt movement into consumption and more was wanted. It may be that the presence of a government investigator in France may eventually speed the export of spice to the oil makers in this country. The danger is that the French will probably want to ship more oil.

Dill—Activity was along jobbing lines and sales were usually in jobbing quantities. However, replacement prices on holdover oil in the primary market are holding up very well.

Eucalyptus—Far more oil than is now available could be used here easily but even London reports a shortage of this oil, most of which originates in Australia.

Geranium—Dealers here hope that one of the products of the presence of a government representative in France may be the solution of the problem of getting oil to New York from the French colonies.

Hemlock—Although a fairly high ceiling prevails, no undue amount of oil is in this market at present and a strong price position prevails regardless of the currently light demand.

Juniper—Juniper berries are arriving in large quantities in this country but as yet the import of oil has not been resumed. That is an event awaited here with more than eagerness on the part of former dealers in European oil.

Lavender—This is the French oil that will get leading and forthright attention by the government agent now in France for a survey of the perfume raw material situation. To this time, very little has been learned regarding conditions in the French lavender country. More important than any survey is the real need for getting oil started from France to the United States. And that is precisely what the government agent is not authorized to do concretely; he is understood to have no authority to buy. If the French and American government authorities will give their business men a reasonably free hand, trade in this oil can be restored at an early date if there are stocks in France. There surely are buyers waiting here.

Lemon—No more ships bearing Italian oil have appeared on the commercial horizon. There are those in this country who need oil badly but relief for them is not in sight now. Citral content in the British Pharmacopoeia will be 2½ percent beginning February 1, 1945. The United States Pharmacopoeia has no citral content requirement and there are those here who say that the citral content has nothing to do with the flavoring properties of lemon oil.

Nutmeg — Stocks are extremely small. In fact, most trade is in imitation products useful either as a total substitute or to eke out supplies of natural oil.

Orange—One result of the government having sent a representative to France for the purpose of studying the supply situation in French essential oils may be the reappearance of French orange oil on this market. It may come from either France or her colonies but if it does, it will be an addition to the currently competitive position of orange oil.

Pennyroyal—The market was rather quiet. Demand was light and usually jobbing in description. However, absence of superior stocks was more than enough to keep prices to a very firm—even virtually nominal—position.

Peppermint—Since supply on spot was moderate, activity was also restricted. However, the market showed stability in all respects and there was little margin for shading of local quotations.

Pimento—Neither berry nor leaf oil

For Current prices see alphabetical listing beginning on page 9.

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was here in more than limited quantities and a virtually nominal situation has resulted in a growing business in substitute products.

Vetiver—The spot continued to show signs of competition without the open quotations being definitely reduced. However, orders in hand stood a chance of being filled at shaded prices.

Aromatic Chemicals

Acetophenone—In moderate supply but not especially in request during the past week. Very steady undertones.

Amyl Salicylate—Holding very firm even though demand proves to be only moderate at the moment. Production is conservative.

Benzaldehyde—Supply less than the requirements of practically all manufacturing consumers, and the requirements of the military branches are responsible. Medicinal requirements are being met.

Benzyl Compounds—Improvement and increase in supplies must await a greater availability of raw material needed to make expansion of production possible. Dealers' stocks are low.

Cinnamic Aldehyde—Substantial business is steadily reported in this material, contributing to strength in price and conservatism in supply.

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MANUFACTURERS OF AROMATIC CHEMICALS, ESSENTIAL OILS, PERFUMES AND FLAVORS

Medical Care Planned

—Continued from page 4

National Physicians Committee for the Extension of Medical Service. He declared that its purpose was to beat the promoters of governmental schemes to the punch with a better plan. Some traces of the former wholly negative attitude toward the Wagner bill and similar proposals was in evidence in the meeting, but it was also clear that the need for a properly prepared and furthered program for better distribution of medical services was increasingly getting recognition.

Dr. Morris Fishbein, editor of the A.M.A. *Journal*, reiterated his warning against the trend toward political medicine. He joined in the urging that medical men and their groups cooperate with employers in providing medical services under group insurance or prepayment plans. He declared that the problem of better availability of medical services was well within the desire and ability of American medicine.

Making the point that human enterprise does not pass directly from the individual to governmental activity, Prof. Hubert D. Sampson, economic research specialist, cited education, which is largely transformed; banking and investment, partly transformed; and family influence, threatened with transformation, as examples of the trend after the individual, from private institution to public institution. Government takes over, he said, after the corporate intermediate stage has reached a certain development. The public makes the change necessary. It will be the deciding influence with reference to medical care, and he urged the medical profession and its associated callings to work for public preference in the matter, because this service is being carried from the individual to the institutional stage.

A working sketch of the concern's employee insurance plan was given by Niles Trammell, president of the National Broadcasting Company. He was one of those who see these plans as beneficial to the relations of employer and employees. This view was heavily predominant, but not unanimous among those contributing to the ORC survey. The majority also believed that such services repaid gratifyingly in work done.

Hill Fertilizer Scheme

—Continued from page 3

able that one or two plants should be operated by the government "on an experimental or demonstration basis" to study new and alternative methods of production. In part the secretary's letter was as follows:—

The scope and character of the fertilizer industry affects the welfare of the entire nation. It is estimated that some 20 percent of our total crop production in 1944 will result from use of fertilizer. The effective use of fertilizer is essential to the maintenance of soil productivity and economical crop production. Therefore, the formulation of a national fertilizer policy and program is a worthwhile objective.

The Tennessee Valley Authority has made substantial contribution in the fertilizer field, but its experience in technology and production has been limited primarily to phosphates. More recently it has gained some experience in the production of one kind of nitrogen fertilizer. In the use of fertilizer the authority's test demonstration has been almost wholly limited to the use of phosphates and limestone on pasture and hay crops in the Tennessee Valley area. It has not used mixed fertilizers, potash or, until recently, nitrogen. This rather limited experience in fertilizer use would not seem adequate for the formulation of a national fertilizer policy and program that would influence the production and use of all kinds of fertilizer in all sections of the country and on all types of crops.

Work of Department

The Department of Agriculture more than any other national agency has been and is functioning on a national basis in fertilizer matters. By virtue of its close contact with farmers and industry and its effective organization which reaches to all sections of the country, the department is in a position to actively take the leadership in the formulation of policy and programs relating to fertilizer. Considerable progress has already been made by agencies of the department, along lines set forth in the bill. This progress includes investigations in fertilizer technology and fertilizer use by the Agricultural Research Administration; studies in fertilizer economics by the Bureau of Agricultural Economics; encouragement of the use of fertilizer for soil-building purposes by the Agricultural Adjustment Administration; and formulation of fertilizer requirements and direction of distribution during the war period by the Office of Materials and Facilities of War Food Administration.

Section 2 of the bill provides for the implementation of the program in the Mobile plant prior to the formulation and adoption of a national fertilizer policy and program. It would seem more logical to formulate the policy and program before setting up what might be a vital part of the machinery for carrying out the plan. Furthermore, the action proposed in the bill might not be in agreement with the program that would be formulated.

We believe the advisability of the government's exercising unlimited authority to buy or lease phosphate reserves in Florida should be carefully examined. It is possible that such actions would deprive private industries now established and operating in the area of required supplies of raw materials. The desirability of setting aside as much as 50 percent of the production of the Mobile plant for demonstration purposes might also be questioned. The value of phosphate has already been widely demonstrated among farmers in the Southeast. It might be preferable, therefore, to start a program of this kind in the Rocky Mountain area where there are large phosphate reserves and government land and the use has not been amply demonstrated.

Fertilizer Prices Reasonable

Although fertilizer prices have increased some during the war period, they remain considerably lower relatively than most other commodities that farmers buy. Also the quality of fertilizer has improved materially during recent years. However, the preservation of our soil resources requires far greater quantities of fertilizer than have been purchased at any time in the past, even when income-price relationships were most favorable. Therefore, the operation of one or more government-controlled fertilizer plants on an experimental or demonstration basis would afford a ready means of studying new and alternative methods of production. In the absence of such operations important advances might long be delayed or never realized.

This department favors the general objectives of the bill, since it contains some valuable points which are essential to the development of an adequate fertilizer program. We do not believe, however, that the methods proposed in the bill for arriving at this objective are wholly satisfactory for the overall agricultural interests of the country.

The Bureau of the Budget advises that it has no objection to the submission of this report as the enactment of the proposed legislation would not be in accord with the program of the President.

Boxcar Demurrage Penalty Effective Dec. 1

Interstate Commerce Commission Service Order No. 242, which became effective October 19 and provided heavy penalty demurrage charges for the holding of railroad box cars for loading and unloading, was suspended December 1, instead of December 3, according to Col. J. Monroe Johnson, director of the Office of Defense Transportation, who is also Commissioner of the Interstate Commerce Commission.

MM&R Party to Precede Heide Testimonial Dinner

A cocktail party will be given by Magnus, Mabee & Reynard, Inc., at the Hotel Pennsylvania, New York, December 13 at 6:00 p.m., immediately preceding the testimonial dinner tendered by the Association of Manufacturers of Confectionery and Chocolate in commemoration of the seventy-fifth anniversary of the Henry Heide organization. All who attend the testimonial dinner are invited to the cocktail party, at which the guests of honor will be the four Heide executives—William F., Herman L., Julius A. and Henry Heide, jr.

Skin Creams Booklet Issued

A new catalog section on its "Clad" protective skin creams, for use either for wet or dry work, has just been issued by the B. F. Goodrich Company, Akron, Ohio. The catalog section describes conditions under which either type should be used, describes its benefits and ease of removal with water, or soap and water.

Petroleum Derivatives

Additional evidence of the extent to which the pressing need for meeting the enormously increasing war and lend-lease requirements in high-octane gasoline, liquefied gases and paraffins once more transcends any and all civilian considerations in the petroleum industry has been presented within the past week in the form of a further constriction of the flow of crude petroleum available for conversion into derivatives designed for non-military use and in a greater tightening of restrictions on the erstwhile normal employment of the lighter hydrocarbons.

The Petroleum Administrator has announced that military demands for petroleum in the East coast States are approximately 500,000 barrels a day higher than during the corresponding period of 1943, adding that if military requirements for overland transportation of petroleum continue at present levels, they will create a severe drain on civilian supplies on the Atlantic seaboard, to minimize which PAW has utilized all available tankcar and barge transportation facilities.

In recognition of an acute shortage of tankcars, resulting from the withdrawal of tankships and greatly increased military demands for petroleum and its products, the Office of Defense Transportation has proclaimed a reinstatement of the provision in general order ODT 7, requiring that shippers and carriers obtain government permits for the movement of petroleum and its products in tankcars for distances of "200 miles or less."

OPA has announced nine changes in the regulation establishing ceiling prices for petroleum products at all levels of distribution except for service stations and other retail establishments, effective December 2. Three of these changes are of general applicability to the industry, while the remaining six apply to specific parts of the country.

Solvents and Diluents

Aromatic Solvents—Manufacturers of these high solvency aromatic naphthas continue to obtain sufficient allotments of xylol to keep their operations going in adequate volume for meeting all current war production requirements in Grade A materials and all non-military needs in Grade B types and also in the blends. It now seems likely that more, not less, xylol will be made available to them after the turn of the year. Meanwhile, prices are being firmly maintained throughout the list.

Although rumors persist that high-flash naphtha will eventually be freed of allocation control, no step in that direction has yet been taken or now seems to be in immediate prospect.

Cleaners' Naphtha—Continuing to move in undiminished volume to both military and civilian users. Tone firm.

Lacquer Diluent—In unabated demand from paint and varnish makers. Market strong.

Mineral Spirit—Being shipped out in a constantly widening stream into consuming channels, with prices firmly held.

Rubber Solvent—Synthetic rubber manufacturers continue to take up almost all available supplies and current production. Tone steady.

Stoddard Solvent—Still in keen request by both military and civilian dry cleaning interests. Market firm.

V. M. & P. Naphtha—Paint and varnish makers continue to buy extensively of this material, with the major portion of all offerings going into war production.

Markets at Other Centers

Chicago, Dec. 1.—Call has shown some improvement in the petroleum solvents and diluents group in this area. The paint industry is reported calling for additional quantities of some kinds of these materials.

Los Angeles, Dec. 1.—No vital changes have occurred in the supply or demand picture for solvents and diluents within the past week. The call has been generally steady, with the market strong.

Market Trends

Prices Advanced

Crude petroleum, Lance Creek pool, Wyoming, 13c. per bbl.; Lisbon pool, Louisiana, 20c. per bbl.

Prices Reduced

None

Lighter Fractions

Butane—Fearing that further allotments of either butane or of a mixture of propane and butane for home heating and cooking uses in Southern, Southwestern and Pacific coast states, where these liquefied gases are commonly employed for these purposes, would seriously curtail the quantities available for military requirements in the making of 100-octane aviation gasoline, at a time when they are increasing enormously, PAW has announced that, effective immediately, it will be compelled to disapprove applications to install equipment burning these gases in the form of butane or of the propane-butane mixture.

Heptane—Still in keen demand. Tone firm.

Hexane — Continues moving in mounting volume into consuming channels. Market strong.

Octanes—In unabatedly brisk inquiry. Prices well maintained.

Pentanes—Intensified interest is being manifested in these gases. Market keeps firm.

Propane—With the supply situation in this liquefied gas growing tighter daily, because of the increasing drain resulting from constantly rising military requirements, no new equipment for home heating and cooking with mixtures of this gas with butane can hereafter be installed, by order of PAW. Meanwhile makers of high-octane gasoline and synthetic rubber are absorbing by far the major portion of all available stocks of this gas.

Petrolatums and Waxes

Amorphous Waxes—There is as yet no sign of a slowdown in the movement of these waxes, under the leadership of the standard process types.

Paraffin—With takings of the federal government procurement agencies continuing to reach sizable proportions, chiefly on lend-lease account, the supply situation in crude scale has become rather tight, insofar as its availability for civilian uses is concerned. Refined paraffin, too, is in far from an easy position for civilian users, although in somewhat more liberal supply than a year ago. Some of the high melting points are especially difficult to procure.

Petrolatums — An undiminished movement of these petroleum jellies continues to be noted, with U.S.P. and technical grades leading the procession and with veterinarian grades constituting the rear guard.

White Mineral Oils—Although some price shading is still being practiced by suppliers overstocked in some directions, leading producers continue to adhere strictly to their old schedules of prices and are still getting the bulk of the available business in these oils.

Fuels and Lubricants

Crude Petroleum—A dip of 2,850 barrels in the average daily domestic output of crude oil has been recorded for the week ended November 25, for which the daily rate is reported to have reached 4,736,000 barrels, as compared with 4,738,850 barrels for the preceding week. Runs of crude oil to the refineries for the same week, however, have shown a gain, from 4,587,000 barrels to 4,672,000 barrels daily.

The Ohio Oil Company has announced an advance in its posted price at the wells in the Lance Creek, Wyoming, pool amounting to 13 cents per barrel and making its upward revised price $1.25. Simultaneously, the Standard Oil Company of Louisiana has marked up its posted price in the Lisbon pool of Louisiana by 20 cents to $1.40 per barrel.

Fuel Oil.—Nationwide stocks of both light and heavy fuel oils have registered reductions for the week ended November 25, with the former type showing a drop of 916,000 barrels to 47,101,000 barrels, and the latter recording a fall of 466,000 barrels to 62,835,000 barrels.

Gasoline—An increase of 680,000 barrels has been recorded in nationwide stocks of gasoline for the week ended November 25, on which date these stocks amounted to 79,421,000 barrels, composed of 13,017,000 barrels of unfinished, 41,484,000 of civilian grade automotive and 24,920,000 barrels of aviation, military, naphthas and blending supplies currently indeterminate as to ultimate use, according to the American Petroleum Institute.

Lubricating Oil—The Army Service Forces of the Ordnance Department, at the Raritan Arsenal, in Metuchen, N. J., are calling for bids, up to 1 p.m., December 8, on 2,250 gallons of engine oil in 50-gallon drums, army specification 2-104, contaminated with water, and on 4,250 gallons of rust-preventive grease in 50-gallon drums, also contaminated with water.

Zurn Co. Names Shenk Administrative Engineer

The J. A. Zurn Manufacturing Company, Erie, Pa., has appointed Robert H. Shenk administrative engineer in charge of research and development on the Zurn line of fluid handling equipment. Bernard Alexander is now affiliated with the company as sales representative in the Midwestern territory with headquarters in the Merchandise Mart, Chicago. He will be associated with Fred J. Barr, sales manager of this district. Harold Bergman, formerly connected with the Chicago office, has been appointed to a position in the promotional and advertising department at the main office and factory in Erie.

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1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
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2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
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1—2400 gal. 7'10" dia. x 6'8" deep, Iron Body, Heating Coils, Two Blade Agitator, Speed Reducer, 15 H.P. Motor.
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SALES OFFICE manager, auditor, of good background; paint varnish, shellac manufacturing industries, years of experience and following among leading consumers in the metropolitan area, wishes connection with first class manufacturer. OPD 567.

EXECUTIVE ASSISTANT pharmacist, chemist, experienced manufacturing and production especially ointments and creams, desires position as assistant to busy administrator who wishes to be relieved of the physical effort of coordinating the various departments. OPD 568.

EXPORT IMPORT executive, thoroughly experienced industrial and fine chemicals, disinfectants, pharmaceuticals, plastics, raw materials, world-wide travelled, with agents abroad, wants to join old established organization. Salary $6,500., plus net profit share. Best of references. OPD 569.

YOUNG CHEMIST possessing selling ability and sound technical background desires change to technical sales or service; 2 years of laboratory and plant experience including pigments, resins, varnishes, printing inks and industrial solvents. B.S. 1942; draft deferred. OPD 576.

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Botanical Drugs

—Continued from page 58

available at 18c. to 18½c. per pound. More distant futures were 16¼c. to 16½c.

Ginger—No. 1 Jamaica root was advanced to 26c. to 26½c. per pound. No. 2 was up to 24½c. to 25c. No. 3 was unchanged.

Paprika—Good quality Chilean pepper was slightly lower at 30c. to 31c. per pound but good quality Spanish was higher at 47c. to 48c.

Markets at Other Centers

Los Angeles, Nov. 29.—The botanical drug and spice market here last week was relatively quiet, with little trading reported. However, one of the largest growers of French type marjoram reduced his price per pound to 45c. to compete with Chilean exports. Prices are:—

Calendula Flowers—Nominal at $2 per pound.

Marjoram—French type quoted at 45c. per pound in dried and clean form.

Sage—Dalmatian type, containing less than 12 percent stems, quoted at 80c. per pound for small lots. Leucophyllia named at 55c. for small lots.

Savory—French type nominal at 90c. per pound in small lots.

Sweet Basil—Named at 90c. per pound in dried form.

Thyme—French type nominal at 90c. in dried and clean form.

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T.G.A. Research Committee Appointed

The Toilet Goods Association has appointed a Research Advisory Committee which will direct the research program recently authorized by the Executive Board to select the problem or problems to be studied and determine the methods through which this important project will be handled. The committee consists of the following:—Chairman, J. H. McShane, Pacquin, Inc.; W. M. Bristol, jr., of the Bristol-Myers Company; P. H. Douglas, of Bourjois, Inc.; Dr. H. O. Hartfield of the Hudnut Sales Company, Inc.; Dr. Walter Langer, of Dr. Langer Company; Dr. E. C. McDonough, of Evans Chemetics, Inc.; Dr. E. C. Merrill, of the United Drug Company; E. P. Morrish, of Affiliated Products, Inc.; Dr. K. L. Russell, of the Colgate-Palmolive-Peet Company; Cecil Smith, of Yardley of London, Inc.; Dr. M. W. Tapley, of Sterling Drug, Inc.; Northam Warren, of the Northam Warren Corporation; J. S. Norton, of the Lambert Pharmacal Company; J. M. Williams, Allied Products, Inc.

H. D. Goulden, director of scientific research and standards of the association, is secretary of the committee. H. L. Brooks, president of the association, and S. L. Mayham, executive vice-president, are ex officio members.

Recent Imports

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ACID, CRESYLIC—722 dms
AMMONIA PERSULPHATE—180 kgs
SULPHOCYANIDE—129 cks, American Cyanamid & Chemical Corp
ARECANUTS—160 bgs, R J Prentiss & Co
ASBESTOS—1,889,574 lbs
BABASSU KERNELS—35 bgs, 1,750 lbs, United States Commercial Co
13,498 bgs, 674,900 lbs, General Foods Co
15,300 bgs, 765,000 lbs, Spencer Kellogg & Sons
BONES—3,407 bgs, 340,700 lbs, Wilson & Co
GELATIN—42 bgs, 4,200 lbs, Tupman, Thurlow & Co
GROUND—2,441 bgs, 244,100 lbs, Baugh & Son
2,360 bgs, 236,000 lbs, Philadelphia National Bank
INDUSTRIAL—86 bgs, 8,600 lbs, Hafleigh & Co
MANUFACTURED—1,440 bgs, 144,000 lbs, Philadelphia National Bank
41 bgs, 4,100 lbs, Eastman Gelatine Corp
21 bgs, 2,100 lbs, Armour & Co
902 bgs, 90,200 lbs, Kind & Knox
SHIN—845 bgs, 84,500 lbs, Armour & Co
1,737 bgs, 173,700 lbs, Darmstadt, Scott & Courtney
BRISTLES—1,309 pkgs, United States Commercial Co
HOG—6 cs, H Rosenhirsch Co
17 cs, Philadelphia National Bank
CASEIN—2,016 bgs, 222,224 lbs, H S Cramer & Co
500 bgs, 55,115 lbs, H S C Trading Co
453 bgs, 55,897 lbs, Louis Furth, Inc
182 bgs, 23,068 lbs, Sheffield Farms Co, Inc
727 bgs, 88,151 lbs, Breakstone Bros, Inc
1,100 bgs, 121,253 lbs, International Co
3,000 bgs, 330,690 lbs, Paul & Stein Bros
500 bgs, 55,115 lbs, Manuel Rodrigues
1,016 bgs, 112,000 lbs, Monite Waterproof Glue Co
5,933 bgs, 784,810 lbs, International Co
CASTOR BEANS—3,453 bgs, 517,950 lbs, Guaranty Trust Co
CELERY SEED—343 bgs, 44,900 lbs, Kachurin Drug Co
100 bgs, 13,300 lbs, Arthur G Dunn
150 bgs, 19,500 lbs, Furth & Co
CHALK, PRECIPITATED—300 bgs, H J Baker & Bro
COCOA BEANS—1,000 bgs, 200,000 lbs, General Foods Corp
500 bgs, 100,000 lbs, Middleton & Co
1,200 bgs, 240,000 lbs, Blumenthal Bros
1,100 bgs, 220,000 lbs, Kennedy, Butcher & Co
500 bgs, 100,000 lbs, C M Loeb-Rhoades Co
100 bgs, 20,000 lbs, Farr & Co
1,000 bgs, 200,000 lbs, A C Israel Commodity Co
400 bgs, 80,000 lbs, Wessel, Duval & Co
500 bgs, 100,000 lbs, Scarburgh Co
100 bgs, 20,000 lbs, Ernest Adler & Co
1,000 bgs, 200,000 lbs, Willard, Hawes & Co
1,000 bgs, 200,000 lbs, Curacao Trading Co
1,000 bgs, 200,000 lbs, General Cocoa Co
1,000 bgs, 200,000 lbs, Wood & Selick
1,000 bgs, 200,000 lbs, Westfeldt Bros
400 bgs, 80,000 lbs, Little & Christman
100 bgs, 20,000 lbs, H A Phillips & Co
400 bgs, 80,000 lbs, Cocoa Importing Co
5,000 bgs, 1,000,000 lbs, Nieschlag & Co
2,000 bgs, 400,000 lbs, Rockwood & Co
300 bgs, 60,000 lbs, W R Grace & Co
1,000 bgs, 200,000 lbs, J Aron & Co
500 bgs, 100,000 lbs, Warfield Chocolate Co
500 bgs, 100,000 lbs, H W Peabody & Co
COCOABUTTER—96 bls, 12,480 lbs, Wessel, Kulenkampf & Co
400 bls, 52,000 lbs, A C Israel Commodity Co
COPRA—3,359,552 lbs
DILLSEED—300 bgs, 39,000 lbs, Biddle Purchasing Co
GRAPHITE—1,900 bgs
GUM, CHICLE—150 cs, L Littlejohn & Co
COPAL—3,307 lbs
INDUSTRIAL—60 cks, J P Martin Co
KARAYA—532 bgs, Jacques Wolf & Co
260 bgs, Judson Sheldon Co
190 bgs, Frank Vliet Co
200 bgs, Kachurin Drug Co
190 bgs, Wm Allison & Co
TRAGACANTH—900 bgs, Morteza Khosrovschahi
HAIR, CATTLE EAR—2 cs, Armour & Co
CATTLE TAIL—5 cs, Liberty Title & Trust Co
HOG—9 cs, Dodwell & Co
HORSE—25 cs, Corn Exchange Bank & Trust Co
43 cs, E B & A C Whitney
17 cs, R Schwarz Bristle Corp
21 cs, Chase National Bank & Trust Co
5 cs, Philadelphia National Bank
1 cs, E P Henning
5 cs, Dodwell & Co
HAIR, HORSE TAIL—5 cs, American Bristle & Hair Co
7 cs, Kane Import Co
8 cs, J Kane & Co
80 cs, Samuel Zeitlin & Son
22 cs, H E Botzow Co
20 cs, Philadelphia National Bank
20 cs, First National Bank
20 cs, N Wagman Co
MANE—42 cs, Liberty Title & Trust Co
HONEY—51 cs, J G Paton Co
ILMINITE SAND—8,960,000 lbs
IPECAC ROOT—10 bls, Wessel, Duval & Co
JUNIPER BERRIES—67,200 lbs
KYANITE—390 tons
MALEFERN ROOT—60 bgs, Parke, Davis & Co
MEDICINAL PREPS—16 cs, D C Andrews & Co
MENTHOL—5 cs, National City Bank
5 cs, Brown & Williamson Tobacco Co
2 cs, Chase National Bank & Trust Co
2 cs, Irving Trust Co
MICA—115 cs, United States Commercial Co
6 cs, H Victor Co
BLOCK—239 cs
SPLITTINGS—2,502 cs
MYROBALANS—4,780 bgs
NIGER SEED—60 bgs, 7,800 lbs, Wagner Bros Feed Co
465 bgs, 60,450 lbs, Hinton & Co
OIL, CHAULMOOGRA—10,880 lbs
CITRONELLA—27 dms, Joensson & Cross
EUCALYPTUS—5 cs, Guaranty Trust Co
2 cs, Continental Bank & Trust Co
LEMON—5 cs, Bankers Trust Co
LEMONGRASS—36,593 lbs
MANDARIN—2 cs, Continental Bank & Trust Co
ORANGE—7 cs, W J Bush & Co
3 cs, Geo Lueders & Co
7 cs, Fritzsche Bros
5 cs, Consumers Import Co
RAPESEED (bulk)—United States Commercial Co
SASSAFRAS—2 dms, New York Trust Co
1 dm, Irving Trust Co
2 dms, Orbis Product Corp
OX GALLS—8 cs, Tupman, Thurlow & Co
PAPAIN—10,804 lbs
14 half cs, S B Penick & Co
PYRETHRUM FLOWERS—109 bls, Chemical Bank & Trust Co
353,030 lbs
QUEBRACHO EXTRACT—4,568 bgs, 548,160 lbs, American Tanners, Ltd
9,965 bgs, 1,195,800 lbs, Continental Grain Co
71,259 bgs, 8,551,080 lbs, Tannin Product Export Co
RESIN, VEGETABLE—150 cs, L Littlejohn & Co
RHUBARB—178 bgs, Kachurin Drug Co
SHELLAC—4,655 bgs
SEEDLAC—2,853 bgs
STORAX—19,970 lbs
TAPIOCA FLOUR—3,080 bgs
TEAWASTE—609 bgs, Citro Chemical Co
968 bgs
840 bgs, Maynard Chemical Works
TONKA BEANS—18 bbls, Kennedy, Butcher & Co
UMBER—2,305,870 lbs
VALERIAN ROOT—100 bgs, Superintendence Co
50 bgs, Brown Agencies
WATTLE BARK—1,181,539 lbs
EXTRACT—893,539 lbs
WAX, BEES—24 bgs, S C Johnson & Son
67 bgs, Chase National Bank
85 bgs, Marine Midland Trust Co
49 bgs, Brown Bros-Harriman Co
34 bgs, Northern Trust Co
(Correction—In the issue of November 27, American Cyanamid & Chemical Co was credited with 1,100 bgs. Should have read Chase National Bank)

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For full details, consult our nearest district office: Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City,* New York, Philadelphia, San Francisco. Or write direct to: E. I. du Pont de Nemours & Co. (Inc.), Electrochemicals Department, Wilmington 98, Delaware. *Barada & Page, Inc.

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